<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>PACK ACCESSORY, 4&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS AND NUTS. <strong>SHIP BOXED IN KIT FORM.</strong></td>
</tr>
<tr>
<td>019</td>
<td>PACK ACCESSORY, 6&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS AND NUTS. <strong>SHIP BOXED IN KIT FORM.</strong></td>
</tr>
<tr>
<td>027</td>
<td>PACK ACCESSORY, 8&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS AND NUTS. <strong>SHIP BOXED IN KIT FORM.</strong></td>
</tr>
<tr>
<td>035</td>
<td>PACK ACCESSORY, 10&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS AND NUTS. <strong>SHIP BOXED IN KIT FORM.</strong></td>
</tr>
<tr>
<td>043</td>
<td>PACK ACCESSORY, 12&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS AND NUTS. <strong>SHIP BOXED IN KIT FORM.</strong></td>
</tr>
<tr>
<td>051</td>
<td>PACK ACCESSORY, 3&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS AND NUTS. <strong>SHIP BOXED IN KIT FORM.</strong></td>
</tr>
</tbody>
</table>
### PUD-MECHANICAL JOINT ACC.

#### ACCMJ

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<thead>
<tr>
<th>Item</th>
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<tbody>
<tr>
<td>074</td>
<td>PACK ACCESSORY, 14&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS AND NUTS. <strong>SHIP BOXED IN KIT FORM.</strong></td>
</tr>
<tr>
<td>096</td>
<td>PACK ACCESSORY, 16&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS (3/4&quot; X 4-1/2&quot;) &amp; NUTS. <strong>SHIP BOXED IN KIT FORM.</strong></td>
</tr>
<tr>
<td>100</td>
<td>PACK ACCESSORY, 18&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS (3/4&quot; X 4 -1/2&quot;) &amp; NUTS. <strong>SHIP BOXED IN KIT.</strong></td>
</tr>
<tr>
<td>112</td>
<td>PACK ACCESSORY, 20&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS (3/4&quot; X 4 -1/2&quot;) AND NUTS. <strong>SHIP BOXED IN KIT FORM.</strong></td>
</tr>
<tr>
<td>123</td>
<td>PACK ACCESSORY, 24&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS (3/4&quot; X 5&quot;) &amp; NUTS. <strong>SHIP BOXED IN KIT FORM.</strong></td>
</tr>
<tr>
<td>159</td>
<td>PACK ACCESSORY, 36&quot;, DUCTILE IRON, MJ, INCLUDES: GASKET, GLAND, BOLTS (1&quot; X 5- 1/2&quot;) &amp; NUTS. <strong>SHIP BOXED IN KIT FORM</strong></td>
</tr>
</tbody>
</table>
ADHESIVES & COMPOUNDS

ADCCL

**Item** | **Description** | **UNITED LABORATORIES**
---|---|---
010 | CLEANER, HAND WATERLESS, 16OZ BOTTLE, TRUE GRIT UNITED 58 REMOVES GROUND-IN SOILS COMPLETELY WHILE CONDITIONING THE SKIN WITH LANOLIN **** NO SUBSTITUTES **** | 55812

**Item** | **Description** | **CHEMLINK**
---|---|---
018 | ADHESIVE, M-1, 28 OZ. FOR MANHOLE GRADE FLAT PRO RINGS AND ANGLE RINGS | C098050

ADCMI

**Item** | **Description** | **ANDERSON**
---|---|---
005 | SEALANT, DUCT SEAL, 5-POUND BAG, ** PRICED BY THE POUND **, ** ISSUE BY THE POUND IN 5 POUND INCREMENTS. ** | DSC-5

**Item** | **Description** | **INTER-CHEMICAL**
---|---|---
 | SEALANT, SILICONE, BUILDING AND GLAZING, SEALANT COLOR IS CLEAR, 10 TO 11 OZ. CARTRIDGE, 12 PER BOX, EXPIRATION DATE MUST APPEAR ON EACH INDIVIDUAL ITEM | DUX-SEAL
## PUD-BUILDING MATERIAL

**BDMAA**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>125</td>
<td>BRICK, COMMON - #2 SOLID RED BRICK, ASTEM-32, SM AND MS GRADE, PRE-STACKED &amp; BANDED FOR FORKLIFT UNLOADING 2-1/4&quot; X 3-1/2&quot; X 7-3/4&quot;, SOLID BRICK ONLY, NO CORED BRICK ALLOWED</td>
</tr>
<tr>
<td>137</td>
<td>CEMENT, 94 LB. BAG (PORTLAND CEMENT)</td>
</tr>
<tr>
<td>233</td>
<td>HARDENER, CONCRETE, PORTLAND CEMENT QUICK SOLUTION, 5 GALLON PAIL, ANTI-HYDRO OR MAKE SET</td>
</tr>
<tr>
<td>241</td>
<td>CONCRETE MIX, 60 POUND BAG, COMPRESSIVE STRENGTH OF 4,000 PSI (28 DAY).</td>
</tr>
<tr>
<td>250</td>
<td>LIME, HYDRATED, 50 POUND BAG</td>
</tr>
<tr>
<td>262</td>
<td>ROD, CONNECTOR - 3/4&quot;, (COUPLER) ZINC PLATED.</td>
</tr>
<tr>
<td>274</td>
<td>CORD-SASH, #8, 1/4&quot; - 100 FT HANK, JUBILEE BRAIDED, SYNTHETIC CORD, MAGNOLIA</td>
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</table>
PUD-BUILDING MATERIAL

BDMAA

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Code</th>
<th>Supplier</th>
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<tbody>
<tr>
<td>636</td>
<td>PLUG, HYDRAULIC CEMENT MATERIAL FOR STOPPING WATER INFILTRATION IN MANHOLES OR MASONRY</td>
<td>CHEMMASTERS</td>
<td>CHEMPUG &quot;F&quot;</td>
<td>PROSELECT</td>
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BDMCC

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<th>Item</th>
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<tbody>
<tr>
<td>295</td>
<td>LUMBER, PINE - #2, 2&quot; X 4&quot; X 12'.</td>
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<th>Item</th>
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<tbody>
<tr>
<td>517</td>
<td>INACTIVE - NAIL, COMMON - 16D. SCOTTY'S OR EQUAL</td>
<td>SCOTTY'S</td>
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<tr>
<td>731</td>
<td>RECTORSEAL, PIPE JOINT COMPOUND, (1-PINT CAN)</td>
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BDMDD

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<tr>
<td>260</td>
<td>SEALANT, 3M, MARINE ADH, COLOR WHITE, 10OZ TUBE #5200</td>
<td>3M</td>
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<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>275</td>
<td>INACTIVE<em><strong>SAME AS BDMAA188</strong></em>SEALENT, RUBBER, BUTYL-FLEX RUBBER LAP SEALANT, TO BE USED TO SEAL HDPE MANHOLE RISER RINGS, 10.1 OZ. CAULK TUBE, MEETS ASTM C-1085. MADE BY DAP</td>
<td>DAP</td>
</tr>
</tbody>
</table>
PUD-BUILDING MATERIAL

BDMEE

Item Description: STAKE-WOOD, 1" X 2" X 24" #2 PINE, BANDED, 50/PER BUNDLE SINGLE POINT, DOUBLE CUT. **** 1 EACH 112 = BUNDLE OF 50 STAKES. ****

Item Description: STAKE, WOOD - 1" X 2" X 36", 1 EACH = BUNDLE OF 25 128

Item Description: ROD, STEEL, ALL THREADED, 5/8" X 12', PLAIN FINISH, B7. * 10-12 FT. LENGTHS ONLY * 448

Item Description: ROD, STEEL, ALL THREADED, 3/4-10 X 12', PLAIN FINISH ***** 12-FT. LENGTHS ONLY PLEASE******, 460 **** 1 EACH = 12 FOOT PIECE ****

BDMFF

Item Description: TAPE, SURVEYING ORANGE FLUORESCENT 1 3/16" X 50 YDS, TAFFETA GRADE 134 PRESCO TFOG
PUD-BACKFLOW PREVENTERS

**BFPAA**

**Item** | **Description** | **Description** | **Description**
---|---|---|---
020 | PREVENTER BACKFLOW, REDUCED PRESSURE TYPE 1", TWO INDEPENDENT CHECK VALVES WITH INTERMEDIATE RELIEF VALVE, BRONZE FULL PORT BALL VALVE SHUT-OFFS TO BE RESILIENT SEATED, 1/4 TURN BALL VALVES. |  | 
030 | PREVENTER BACKFLOW 1" DUAL CHECK. |  | 
050 | PREVENTER BACKFLOW 2", REDUCED PRESSURE TYPE WITH BALL VALVE, BALL VALVE TO BE RESILIENT SEATING IN KEEPING WITH CITY OF JACKSONVILLE SPECIFICATIONS. |  | 
070 | PREVENTER BACKFLOW 6", REDUCED PRESSURE TYPE, FLANGED ENDS WITH GATE VALVES, DUCTILE IRON ASTM A 536 GRADE COATING, FDA APPROVED ELECTROSTATIC EPOXY FINISH, FASTENERS AND SPRINGS 300 STAINLESS STEEL, SEALS AND RINGS FDA APPROVED |  | 
075 | PREVENTER BACKFLOW 8", REDUCED PRESSURE TYPE, FLANGED ENDS WITH GATE VALVES, DUCTILE IRON ASTM A 536 GRADE COATING, FDA APPROVED ELECTROSTATIC EPOXY FINISH, FASTENERS AND SPRINGS 300 STAINLESS STEEL, SEALS AND RINGS |  | 

**WATTS REGULATOR**

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<td>510 LF7</td>
<td>700-XL</td>
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<td>375A0SY</td>
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<th>WILKINS</th>
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<tbody>
<tr>
<td>375A0SY</td>
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</tbody>
</table>
PUD-BACKFLOW PREVENTERS

BFPAA

Item Description: PREVENTER BACKFLOW 10", REDUCED PRESSURE TYPE, FLANGED ENDS WITH GATE VALVES, DUCTILE IRON ASTM 080 A 536 GRADE COATING, FDA APPROVED ELECTROSTATIC EPOXY FINISH, FASTENERS AND SPRINGS 300 STAINLES STEEL, SEALS AND RINGS

WILKINS
375AOSY

BOLEY

Item Description: BOLT, EYE, 3/4"- 10 X 4 1/2", OFFSET, 316 SS
030

Item Description: BOLT, 3/4"-10 X 2 1/2", HEX HEAD CAP, 316 SS, NC 50/100 PER BOX/BAG
040
### CONDUIT

**CDUNL**

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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>022</td>
<td>LOCKNUT, CONDUIT, 1&quot;, STEEL</td>
<td>THOMAS AND BETTS</td>
</tr>
<tr>
<td>026</td>
<td>LOCKNUT, CONDUIT, 3/4&quot;, STEEL</td>
<td>THOMAS AND BETTS</td>
</tr>
</tbody>
</table>

### PUD–CHLORINE

**CHLGG**

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<thead>
<tr>
<th>Item</th>
<th>Description:</th>
<th>Supplier</th>
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<tbody>
<tr>
<td>204</td>
<td>KIT, ICE MAKER - KIT TO BE USED FOR TAPPING 3/8&quot; – 1-3/8&quot; COPPER TUBING, KIT INCLUDES 25 FT. OF FDA APPROVED 1/4&quot; O.D NON-TOXIC POLYETHYLENE TUBING (120 PSI MIN), SELF-TAPPING SADDLE VALVE W/RUBBER WASHER AND COMPRESSION SLEEVE, TWO BRASS INS</td>
<td>BARNETT BRASS, JOHNSTONE SUPPLY, PROFLO</td>
</tr>
</tbody>
</table>

### CHEMICALS

**CHMDE**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description:</th>
<th>Supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>055</td>
<td>GREASE TRAP MAINTAINER, 5 GALLON PAILS. **** 1 EACH = 5 GALLON PAIL. <strong><strong>ONCE ON HAND GOES TO ZERO MAKE ITEM INACTIVE</strong></strong>*******</td>
<td>GATEWAY CHEMICALS</td>
</tr>
<tr>
<td>060</td>
<td>BIG JIM DEODORIZER / SANITIZER, 55 GALLON DRUMS. ****1 EACH = 55 GALLON DRUM. ****</td>
<td></td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
<td></td>
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<tr>
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<td></td>
</tr>
<tr>
<td>010</td>
<td>CLAMP, STELLAR, 4&quot;, CLAMP MUST HAVE TWO BOLT HOLES ON EACH END. CLAMPS TO BE SUPPLIED WITH 2&quot; BOLTS AND NUTS. NOTE: CLAMPS ARE TO BE ASSEMBLED OR PACKAGED</td>
<td></td>
</tr>
<tr>
<td>020</td>
<td>CLAMP, 6&quot;, CLAMP MUST HAVE TWO BOLT HOLES ON EACH END. CLAMPS TO BE SUPPLIED WITH 3-1/2&quot; BOLTS AND NUTS, NOTE: CLAMPS ARE TO BE ASSEMBLED OR PACKAGED.</td>
<td></td>
</tr>
<tr>
<td>030</td>
<td>CLAMP, STELLAR, 8&quot;, CLAMP MUST HAVE TWO BOLT HOLES ON EACH END. CLAMPS TO BE SUPPLIED WITH 3 1/2&quot; BOLTS AND NUTS. NOTE: CLAMPS ARE TO BE ASSEMBLED OR PACKAGED</td>
<td></td>
</tr>
<tr>
<td>040</td>
<td>CLAMP, STELLAR, 10&quot;, CLAMP MUST HAVE TWO BOLT HOLES ON EACH END. CLAMPS TO BE SUPPLIED WITH 3&quot; BOLTS AND NUTS. NOTE: CLAMPS ARE TO BE ASSEMBLED OR PACKAGED</td>
<td></td>
</tr>
<tr>
<td>050</td>
<td>CLAMP, STELLAR, 12&quot;, CLAMP MUST HAVE TWO BOLT HOLES ON EACH END. CLAMPS TO BE SUPPLIED WITH 4-1/2&quot; BOLTS AND NUTS. NOTE: CLAMPS ARE TO BE ASSEMBLED OR PACKAGED</td>
<td></td>
</tr>
<tr>
<td>060</td>
<td>CLAMP, STELLAR, 14&quot;, CLAMP MUST HAVE TWO BOLT HOLES ON EACH END. CLAMPS TO BE SUPPLIED WITH 4-1/2&quot; BOLTS AND NUTS. NOTE: CLAMPS ARE TO BE ASSEMBLED OR PACKAGED</td>
<td></td>
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</table>
PUD-CLAMPS

CLPAA

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>070</td>
<td>CLAMP, STELLAR, 16&quot;, CLAMP MUST HAVE TWO BOLT HOLES ON EACH END. CLAMPS TO BE SUPPLIED WITH 5-1/2&quot; BOLTS AND NUTS. NOTE: CLAMPS ARE TO BE ASSEMBLED OR PACKAGED</td>
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CLPBB

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>010</td>
<td>CLAMP, BELL JOINT LEAK, 4&quot;</td>
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<td>SMITH-BLAIR INC.</td>
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<td>274-0480-000</td>
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<td>SMITH-BLAIR INC.</td>
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<td>SMITH-BLAIR INC.</td>
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<td>SMITH-BLAIR INC.</td>
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<td>CLAMP, BELL JOINT LEAK, 12&quot;</td>
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<td>CLAMP, BELL JOINT LEAK, 14&quot;</td>
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<td>SMITH BLAIR</td>
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<td>274-00001530-000</td>
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<tr>
<td>070</td>
<td>CLAMP, BELL JOINT LEAK, 16&quot;</td>
<td>MUELLER</td>
<td>274-00001740-000</td>
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<tr>
<td>080</td>
<td>CLAMP, BELL JOINT LEAK, 20&quot;</td>
<td>SMITH-BLAIR INC.</td>
<td>274-00002160-000</td>
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<td>090</td>
<td>CLAMP, BELL JOINT LEAK, 24&quot;</td>
<td>SMITH-BLAIR INC.</td>
<td>274-2580-000</td>
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<td>CLAMP, BELL JOINT LEAK, 30&quot;</td>
<td>SMITH-BLAIR INC.</td>
<td>274-3174-000</td>
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<td>110</td>
<td>CLAMP, BELL JOINT LEAK, 36&quot;</td>
<td>SMITH-BLAIR INC.</td>
<td>274-3796-000</td>
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<td>218</td>
<td>CLAMP, FULL CIRCLE, 1/2&quot; - FULL CIRCUMFERENCE BUNA GASKET WITH RECESSED ARMOUR PLATES, STAINLESS STEEL BAND, DUCTILE LUGS. .84 O.D. X 6&quot; LENGTH.</td>
<td>JCM</td>
<td>111-0084-6</td>
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<tr>
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<td>SMITH-BLAIR INC.</td>
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<td>244-00008406-000</td>
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<td>239</td>
<td>CLAMP, FULL CIRCLE, 3/4&quot; - FULL CIRCUMFERENCE BUNA GASKET WITH RECESSED ARMOUR PLATES, STAINLESS STEEL BAND, DUCTILE LUGS. 1.05 O.D. X 6&quot; LENGTH, OR EQUAL</td>
<td>JCM</td>
<td>111-0105-6</td>
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<td></td>
<td>SMITH-BLAIR INC.</td>
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<td>244-00010506-000</td>
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## PUD-CLAMPS

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<tbody>
<tr>
<td>257</td>
<td>CLAMP, FULL CIRCLE, 1&quot; - FULL CIRCUMFERENCE, GASKET WITH RECESSED ARMOUR PLATES, STAINLESS STEEL BAND, DUCTILE LUGS, 1.32 O.D. X 6&quot; LENGTH, OR EQUAL</td>
<td>111-0132-6</td>
<td>244-00013206-000</td>
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<td>270</td>
<td>CLAMP, FULL CIRCLE, 1-1/4&quot; - FULL CIRCUMFERENCE GASKET WITH RECESSED ARMOUR PLATES, STAINLESS STEEL BAND, DUCTILE LUGS. 1.66 O.D. X 6&quot; LENGTH , OR EQUAL</td>
<td>111-0166-6</td>
<td>244-00016606-000</td>
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<tr>
<td>294</td>
<td>CLAMP, FULL CIRCLE, 1-1/2&quot; - FULL CIRCUMFERENCE GASKET WITH RECESSED ARMOUR PLATES, STAINLESS STEEL BAND, DUCTILE LUGS. 1.90 O.D. X 6&quot; LENGTH.</td>
<td>111-0190-6</td>
<td>244-00019006-000</td>
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<tr>
<td>313</td>
<td>CLAMP, FULL CIRCLE, 2&quot; - FULL CIRCUMFERENCE BUNA GASKET WITH RECESSED ARMOUR PLATES, STAINLESS STEEL BAND, DUCTILE LUGS. 2.38 O.D. X 6&quot; LENGTH, OR EQUAL</td>
<td>111-0238-6</td>
<td>244-00023806-000</td>
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<tr>
<td>100</td>
<td>CLAMP, FULL CIRCLE, 2.35-2.63 X 7-1/2&quot;, (NOTE: ALL 7-1/2&quot; CLAMPS MUST HAVE 3 BOLTS MINIMUM)</td>
<td>F1-263-7.5</td>
<td>226-023807-000</td>
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<td>200</td>
<td>CLAMP, FULL CIRCLE, 2.70-3.00 X 7-1/2&quot;, (NOTE: ALL 7-/2&quot; CLAMPS MUST HAVE 3 BOLTS MINIMUM)</td>
<td>F1-300-7.5</td>
<td>226-027507-000</td>
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### PUD-CLAMPS

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<tr>
<td>300</td>
<td>CLAMP, FULL CIRCLE, 2.97-3.25 X 7-1/2&quot;, SMITH-BLAIR, FORDLEX, OR EQUAL (NOTE: ALL 7-1/2&quot; CLAMPS MUST HAVE 3 BOLTS MINIMUM)</td>
<td>FORDFLEX SMITH-BLAIR INC.</td>
<td>226-03007-000</td>
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<tr>
<td>400</td>
<td>CLAMP, FULL CIRCLE, 3.46-3.70 X 7-1/2&quot;, (NOTE: ALL 7-1/2&quot; CLAMPS MUST HAVE 3 BOLTS MINIMUM)</td>
<td>FORDFLEX SMITH-BLAIR INC.</td>
<td>226-035007-000</td>
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<tr>
<td>500</td>
<td>CLAMP, FULL CIRCLE, 3.73-4.00 X 7-1/2&quot;, NOTE: ALL 7-1/2&quot; CLAMPS MUST HAVE 3 BOLTS MINIMUM</td>
<td>FORDFLEX SMITH-BLAIR INC.</td>
<td>226-037507-000</td>
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<tr>
<td>600</td>
<td>CLAMP, FULL CIRCLE, 3.96-4.25 X 7-1/2&quot;, (NOTE: ALL 7-1/2&quot; CLAMPS MUST HAVE 3 BOLTS MINIMUM)</td>
<td>FORDFLEX SMITH-BLAIR INC.</td>
<td>226-040007-000</td>
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<tr>
<td>700</td>
<td>CLAMP, FULL CIRCLE, 4.45-4.73 X 7-1/2&quot;, (NOTE: ALL 7-1/2&quot; CLAMPS MUST HAVE 3 BOLTS MINIMUM)</td>
<td>FORDFLEX POWERSEAL CORP. SMITH-BLAIR INC.</td>
<td>226-045007-000</td>
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<tr>
<td>800</td>
<td>CLAMP, FULL CIRCLE, 4.74-5.14 X 7-1/2&quot;, (NOTE: ALL 7-1/2&quot; CLAMPS MUST HAVE 3 BOLTS MINIMUM)</td>
<td>FORDFLEX SMITH-BLAIR INC.</td>
<td>226-048007-000</td>
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<tr>
<td>850</td>
<td>CLAMP, FULL CIRCLE REPAIR, 4.74 - 5.14 X 15&quot;, FOR WATER AND SEWER LINES OF PVC, DI AND CI PIPE, TO BE MADE OF STAINLESS STEEL AND HAVE RUBBER GASKET GLUED TO THE INSIDE, (NOTE: ALL 15&quot; CLAMPS MUST HAVE MINIMUM OF 4 BOLTS, WASHERS &amp; NUTS)</td>
<td>FORDFLEX SMITH-BLAIR INC.</td>
<td>226-048015-000</td>
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### PUD-CLAMPS

#### CLPCC

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<td>900</td>
<td>Clamp, Full Circle, 4.95-5.35 x 7-1/2&quot;  Note: All 7-1/2&quot; Clamps Must Have 3 Bolts Minimum</td>
<td>SMITH-BLAIR INC.</td>
<td>226-050007-000</td>
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<tr>
<td>950</td>
<td>Clamp, Full Circle Repair, 6.84 - 7.24 x 15&quot;, for Water and Sewer Lines of PVC, DI and CI Pipe, to Be Made of Stainless Steel and Have Rubber Gasket Glued to the Inside, (Note: All 15&quot; Clamps Must Have Minimum of 4 Bolts, Washers &amp; Nuts)</td>
<td>SMITH-BLAIR INC.</td>
<td>226-069015-000</td>
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<td>960</td>
<td>Clamp, Full Circle, Must Cover 44.50 (OD) Range x 30&quot; Wide.</td>
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<td>000</td>
<td>Clamp, Full Circle, 5.22-5.62 (O.D.) X 7-1/2&quot;. (Note: All 7-1/2&quot; Clamps Must Have 3 Bolts Minimum)</td>
<td>SMITH-BLAIR INC.</td>
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<td>100</td>
<td>Clamp, Full Circle, 5.95-6.35 (O.D.) X 7-1/2&quot;, (Note: All 7-1/2&quot; Clamps Must Have 3 Bolts Minimum)</td>
<td>MODEL 3121 6A X 8</td>
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<td>200</td>
<td>Clamp Full Circle 6&quot; O.D. 6.56-6.96 X 7-1/2&quot; (Note: All 7-1/2&quot; Clamps Must Have 3 Bolts Minimum)</td>
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PUD-CLAMPS

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<td>CLAMP, REPAIR FULL CIRCLE 6&quot; O.D. 6.84-7.24 X 7-1/2&quot;, (NOTE: ALL 7-1/2&quot; CLAMPS MUST HAVE 3 BOLTS MINIMUM)</td>
<td>F1-724-7.5</td>
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<td>400</td>
<td>CLAMP, FULL CIRCLE, 7.05-7.45 X 12.5&quot;</td>
<td>F1-745-12.5</td>
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<td>CLAMP, FULL CIRCLE, 7.45-7.85 (O.D.) X 12.5&quot;</td>
<td>F1-785-12</td>
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<td>CLAMP, FULL CIRCLE, 8.54-8.94 (O.D.) X 12.5&quot;</td>
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<td>CLAMP, FULL CIRCLE, 8.99-9.39 X 12.5&quot;</td>
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<td>CLAMP, FULL CIRCLE, 9.27-9.67 (O.D.) X 12.5&quot;</td>
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<td>CLAMP, FULL CIRCLE, 9.70-10.10 (O.D.) X 12.5&quot;</td>
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<td>CLAMP, FULL CIRCLE, 10.64-11.04 (O.D.) X 12.5</td>
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<td>CLAMP, FULL CIRCLE, 11.04-11.44 (O.D.) X 12.5</td>
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<td>650</td>
<td>CLAMP, FULL CIRCLE, 12.62-13.02 (O.D.) X 12.5&quot;</td>
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<td>CLAMP, FULL CIRCLE, 13.14-13.50 (O.D.) X 12.5&quot;</td>
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<td>CLAMP, FULL CIRCLE, 13.40-13.80 (O.D.) X 12.5&quot;</td>
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CLPEE

Item  Description:  CLAMP, FULL CIRCLE, 13.65-14.45 (O.D.) X 20".
875  FORDFLEX                    SMITH-BLAIR INC.
     F2-1445-20                   227-136520-000

Item  Description:  CLAMP, FULL CIRCLE, 15.07-15.82 (O.D.) X 20".
900  FORDFLEX                    SMITH-BLAIR INC.
     F2-1582-20                   228-20150720-000

Item  Description:  CLAMP, FULL CIRCLE, 15.92-17.12 (O.D.) X 15", ALL STAINLESS STEEL, MULTI- BAND CONSTRUCTION.
950  FORD                        SMITH-BLAIR INC.
     FS3                         263-00159215-000

CLPFF

Item  Description:  CLAMP, FULL CIRCLE, 17.15-17.90 (O.D.) X 20"
000  FORDFLEX                    SMITH-BLAIR INC.
     F2-1790-20                   228-171520-000

Item  Description:  CLAMP, FULL CIRCLE, 19.23-19.98 (O.D.) X 20"
100  FORDFLEX                    SMITH-BLAIR INC.
     F2-1998-20                   228-20192320-000

Item  Description:  CLAMP, FULL CIRCLE, 21.52-22.27 (O.D.) X 30".
200  FORDFLEX                    SMITH-BLAIR INC.
     F2-2227-30                   228-20215230-000

Item  Description:  CLAMP, FULL CIRCLE - 25.70-26.80 (O.D.) X 30" (MINIMUM), TRIPLE BAND CLAMP.
400  FORDFLEX                    JCM                          SMITH-BLAIR INC.
     F3-2680-30                   102-2580-30                   228-257030-000
### PUD-CLAMPS

#### CLPFF

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<tr>
<td>453</td>
<td>CLAMP, FULL CIRCLE - 27.65-28.75 (O.D.) X 30&quot; (MINIMUM), TRIPLE BAND CLAMP. CLAMP MUST HAVE MINIMUM O.D. RANGE SPECIFIED.</td>
<td>FORD</td>
<td>SMITH-BLAIR INC.</td>
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<td>F3-2875-30</td>
<td>228-30276530-000</td>
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<td>500</td>
<td>CLAMP, FULL CIRCLE, 31.70-32.80 (O.D) X 30&quot;, ALL STAINLESS STEEL, INCLUDING S/S NUTS AND BOLTS.</td>
<td>FORD</td>
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<td>F3-3290-30</td>
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<td>600</td>
<td>CLAMP, FULL CIRCLE, 37.90-39.25 (O.D.) X 30&quot;, ALL STAINLESS STEEL</td>
<td>FORD</td>
<td>JCM</td>
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<td>F4-3925-30</td>
<td>102-3830-30</td>
<td>SMITH BLAIR</td>
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<tr>
<td>010</td>
<td>CLAMP, REPAIR, HANDI-BAND, 1/2&quot; X 3&quot;. *********** NO SUBSTITUTE ************</td>
<td>JCM</td>
<td>SMITH-BLAIR INC.</td>
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<td>110-0084-3</td>
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<td>JCM</td>
<td>SMITH-BLAIR INC.</td>
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<td>CLAMP, REPAIR, HANDI-BAND, 3/4&quot; X 3&quot; *********** NO SUBSTITUTE ************</td>
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<td>SMITH-BLAIR INC.</td>
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<td>040</td>
<td>CLAMP, REPAIR, HANDI-BAND 3/4&quot; X 6&quot; *********** NO SUBSTITUTE ************</td>
<td>JCM</td>
<td>SMITH-BLAIR INC.</td>
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<td>050</td>
<td>CLAMP, REPAIR, HANDI-BAND, 1&quot; X 3&quot;</td>
<td>SMITH-BLAIR INC.</td>
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<td>CLAMP, HANDI-BAND, 1&quot; X 6&quot;</td>
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<td>CLAMP, HANDI-BAND, 1-1/2&quot; X 3&quot;</td>
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<td>CLAMP, HANDI-BAND, 2&quot; X 3&quot;</td>
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<td>CLAMP, HANDI-BAND, 2&quot; X 6&quot;</td>
<td>SMITH-BLAIR INC.</td>
<td>110-0238-6</td>
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PUD-CLAMPS

CLPJJ

Item Description: CLAMP, SERVICE, 1.61-1.92 (O.D.) X 1", COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE

600 MINIMUM O.D. RANGE NOTED

SMITH-BLAIR INC.
313-00019209-000

Item Description: CLAMP, SERVICE, 2.35-2.56 (O.D.) X 3/4", COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE

700 MINIMUM O.D. RANGE NOTED

FORD SMITH-BLAIR INC.
F202 (2.35-2.50) 313-00025607-000

Item Description: CLAMP, SERVICE, 2.38 X 3/4, BRONZE, COPPER TO COPPER THREAD, MUELLER, CLOW, OR EQUAL.

800 FORD CLOW
3401 S70-203

Item Description: CLAMP, SERVICE, 2.35-2.56 (O.D.) X 1", COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE

900 MINIMUM O.D. RANGE NOTED

FORD MUELLER SMITH-BLAIR INC.
F202-250-CC4-I 34132A1CC 313-025609-000
F202 (3.80-4.25)

CLPKK

Item Description: CLAMP, SERVICE, 2.38 X 1", BRONZE, COPPER TO COPPER THREAD.

000 FORD MUELLER
S70-204 H-13420

Item Description: CLAMP, SERVICE, 2.44-2.91 (O.D.) X 3/4", COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE

100 MINIMUM O.D. RANGE NOTED, SMITH-BLAIR OR EQUAL

SMITH-BLAIR INC.
029107-000
PUD–CLAMPS

CLPKK

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<td>CLAMP, SERVICE, 2.44–2.91 (O.D.) X 1&quot;, COPPER TO COPPER THREAD, SERVICE CLAMP MUST HAVE THE MINIMUM O.D. RANGE NOTED</td>
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<td>SADDLE, C900 PIPE, 4&quot;X1&quot;CC THREADS, EPDM GASKET, DUCTILE IRON BODY W/ FUSION EPOXY, STAINLESS STEEL (SS) 304 DOUBLE WIDE BAND, SS THREADED BOLTS. MIN. O.D. RANGE 4.74 - 5.26.</td>
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PUD-CLAMPS

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<td>F1-696-75-CC4</td>
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PUD-CLAMPS

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<td>SADDLE, C900 PIPE, 8&quot;x1&quot;CC THREADS, EPDM GASKET, DUCTILE IRON BODY W/ FUSION EPOXY, STAINLESS STEEL (SS) 304 DOUBLE WIDE BAND, SS THREADED BOLTS. MIN. O.D. RANGE 8.99-9.79. <strong>ORDER BY DESCRIPTION</strong></td>
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<td>STEEL (SS) 304 DOUBLE WIDE BAND, SS THREADED BOLTS. MIN. O.D. RANGE 11.10-12.12. <strong>ORDER BY DESCRIPTION</strong></td>
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PUD-CLAMPS

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<td>SMITH-BLAIR INC.</td>
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<td>POWERSEAL CORP.</td>
<td>SMITH-BLAIR INC.</td>
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<td>SMITH-BLAIR INC.</td>
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<td><strong>CLAMP, SERVICE 21.35 - 22.10 (O.D.) X 1&quot; COPPER TO COPPER THREAD, LARGE PIPE O.D. STRAPS (CARBON STEEL MUST HAVE ELECTRO- GALVANIZING), NUTS- CARBON STEEL, WASHERS TO BE HEMISPHERICAL</strong></td>
<td>SMITH-BLAIR INC.</td>
<td>366-00221009-000</td>
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<td><strong>CLAMP, SERVICE, 21.35 - 22.10 (O.D.) X 2&quot;, COPPER TO COPPER THREAD, LARGE PIPE O.D. STRAPS (CARBON STEEL WITH ELECTRO- GALVANIZING), NUTS- CARBON STEEL, WASHERS TO BE HEMISPHERICAL</strong></td>
<td>SMITH-BLAIR INC.</td>
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<td>078</td>
<td><strong>CLAMP, SERVICE, 17.40-18.88 (O.D.) X 2&quot;, NPT, DOUBLE STRAP, STRAPS-CARBON STEEL (ELECTRO GALVANIZED) WITH DI-CHROMATE SEAL, NUTS AND WASHERS DI-CHROMATE SEALED, SADDLE MUST HAVE MINIMUM O.D. RANGE NOTED.</strong></td>
<td>SMITH-BLAIR INC.</td>
<td>313-00188814-000</td>
<td></td>
</tr>
</tbody>
</table>
PUD-CLAMPS

CLPPP

Item | Description |
--- | ---
089 | CLAMP, SERVICE, 25.55-26.32 (O.D.) X 2" NPT, TRIPLE STRAP, STRAPS AND NUTS TO BE CARBON STEEL, DUCTILE IRON BODY, SADDLE MUST HAVE MINIMUM O.D. RANGE NOTED.

SMITH-BLAIR INC.
366-00263214-000

Item | Description |
--- | ---
115 | CLAMP, SERVICE 14.73 TO 15.65 O.D. RANGE X 1" COPPER TO COPPER THREAD, DOUBLE STRAPS, STRAP-CARBON STEEL. (ELECTRO-GALVANIZED) WITH DI-CHROME SEAL, NUTS/WASHERS DI-CHROME.

Item | Description |
--- | ---
126 | CLAMP, SERVICE 25.75 TO 25.85 O.D. RANGE X 1" COPPER TO COPPER THREAD, DOUBLE STRAPS, STRAP-CARBON STEEL. (ELECTRO-GALVANIZED) WITH DI-CHROME SEAL, NUTS/WASHERS DI-CHROME.

FORD | JCM | SMITH-BLAIR INC.
--- | --- | ---
FC202 (25.60-26.50) | 406-2650-09CC | 317-00258009

Item | Description |
--- | ---
136 | CLAMP, SERVICE 4" X 2" IPT, O.D. 4.74"-5.26" DOUBLE BOLT STAINLESS STEEL BAND, MUST HAVE MINIMUM O.D. RANGE NOTED

FORD | SMITH BLAIR
--- | ---
FC202 (4.74-5.26) | 317-00051414-000

Item | Description |
--- | ---
146 | CLAMP, SERVICE 6" X 2" IPT, O.D. 6.84"-7.60" DOUBLE BOLT STAINLESS STEEL BAND, MUST HAVE MINIMUM O.D. RANGE NOTED

FORD | SMITH BLAIR
--- | ---
FC202 (6.84-7.60) | 317-00076014-000

Item | Description |
--- | ---
156 | CLAMP, SERVICE 8" X 2" IPT, O.D. 8.99"-9.79" DOUBLE BOLT STAINLESS STEEL BAND, MUST HAVE MINIMUM O.D. RANGE NOTED

FORD | SMITH BLAIR
--- | ---
FC202 (8.99-9.79) | 317-00101014-000
### PUD-CLAMPS

#### CLPQQ

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>FORD</th>
<th>SMITH BLAIR</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>166</td>
<td>CLAMP, SERVICE 10&quot; X 2&quot; IPT, O.D. 10.75&quot;-11.10&quot; DOUBLE BOLT STAINLESS STEEL BAND, MUST HAVE MINIMUM O.D. RANGE NOTED</td>
<td>FC202 (10.75-11.10)</td>
<td>SMITH BLAIR</td>
<td>317-00121214-000</td>
</tr>
<tr>
<td>176</td>
<td>CLAMP, SERVICE 12&quot; X 2&quot; IPT, O.D. 12.75&quot;-13.20&quot; DOUBLE BOLT STAINLESS STEEL BAND, MUST HAVE MINIMUM O.D. RANGE NOTED</td>
<td>FC202 (12.75-13.20)</td>
<td>SMITH BLAIR</td>
<td>317-00143214-000</td>
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<tr>
<td>186</td>
<td>CLAMP, SERVICE 16&quot; X 2&quot; IPT, O.D. 17.40&quot;-18.40&quot; DOUBLE BOLT STAINLESS STEEL BAND, MUST HAVE MINIMUM O.D. RANGE NOTED</td>
<td>FC202 (17.40-18.40)</td>
<td>SMITH BLAIR</td>
<td>317-00178014-000</td>
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<tr>
<td>196</td>
<td>CLAMP, SERVICE 20&quot; X 2&quot; IPT, O.D. 21.20&quot;-22.20&quot; DOUBLE BOLT STAINLESS STEEL BAND, MUST HAVE MINIMUM O.D. RANGE NOTED</td>
<td>FC202 (21.20-22.20)</td>
<td>SMITH BLAIR</td>
<td>317-00216014-000</td>
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<tr>
<td>206</td>
<td>CLAMP, SERVICE 24&quot; X 2&quot; IPT, O.D. 25.60&quot;-26.50&quot; DOUBLE BOLT STAINLESS STEEL BAND, MUST HAVE MINIMUM O.D. RANGE NOTED</td>
<td>FC202 (25.60-26.50)</td>
<td>SMITH BLAIR</td>
<td>317-00258014-000</td>
</tr>
<tr>
<td>215</td>
<td>CLAMP, SERVICE 12.62 TO 14.32 O.D. RANGE X 2&quot; NPT, DOUBLE STAINLESS STEEL STRAPS, MUST HAVE MINIMUM O.D. RANGE NOTED</td>
<td></td>
<td>SMITH BLAIR</td>
<td>317-00143214-000</td>
</tr>
</tbody>
</table>
PUD-CLAMPS

CLPQQ

**Item** | **Description** |
---|---|
| | CLAMP, SERVICE 14.73 TO 15.65 O.D. RANGE X 2" NPT, DOUBLE STAINLESS STEEL STRAPS, MUST HAVE MINIMUM O.D. RANGE NOTED. |
| SMITH BLAIR | 317-00156514-000 |
| | CLAMP, SERVICE 19.50 TO 20.50 O.D. RANGE X 2" NPT, DOUBLE STAINLESS STEEL STRAPS, MUST HAVE MINIMUM O.D. RANGE NOTED. |
| FORD | FC202 (19.50-20.50) |
| | CLAMP, SERVICE 21.35 TO 22.10 O.D. RANGE X 2" NPT, DOUBLE STAINLESS STEEL STRAPS, MUST HAVE MINIMUM O.D. RANGE NOTED. |
| FORD | FC202 (21.20-22.20) | SMITH BLAIR | 317-00216014-000 |
| | CLAMP, SERVICE 31.75 TO 32.50 O.D. RANGE X 2" NPT, TRIPLE ELECTRO-GALVANIZED STRAPS, MUST HAVE MINIMUM O.D. RANGE NOTED |
| SMITH BLAIR | 366-00325014-000 |
| | CLAMP, SERVICE 37.71 TO 38.46 O.D. RANGE X 2" NPT, TRIPLE ELECTRO-GALVANIZED STRAPS, MUST HAVE MINIMUM O.D. RANGE NOTED. |
| SMITH BLAIR | 366-00384614-000 |
CLEANING SUPPLIES

CLSCC

Item   Description:  DEODORIZER, WASTEWATER, ODOR NEUTRALIZER CONCENTRATE, 2.5 GAL. PLASTIC CONTAINERS BIODEGRADABLE AND NON-TOXIC. ANOTEC ODOR NEUTRALIZER ***NO SUBSTITUTE***
413

Item   Description:  DISINFECTANT, 80% PINE OIL, 1 GALLON CONTAINERS PER CASE, (CONTAINERS MUST BE LABELED)
800
AERO PINE OIL VERSAPRO
609541SA 80-10-10 CB5188

CLSGG

Item   Description:  DEGREASER, SANITARY SEWER, ULTRA HIGH-TEMP SOLVENT, GRANULAR, 50-55 LB. CONTAINERS.
220
ABC COMPOUNDING UNITED LABORATORIES INC.
706250SA F023

Item   Description:  DEGREASER, FLOATING, FOR LIFT STATION MAINTENANCE,*******6 GAL TO A PAIL******
225

CONNECTORS

CNNTL

Item   Description:  CONNECTOR, FORK TERMINAL, VINYL-INSULATION SUPPORT, BARREL TYPE, BRAZED SEAM, TIN PLATED BRASS, WIRE SIZE 16-14 AWG, STUD #6, ***PACKAGE OF 100 EACH***
F53
THOMAS AND BETTS
14RB-6F
### CONNECTORS

#### CNNTL

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>R29</td>
<td>CONNECTOR, RING TERMINAL, NON-INSULATED, BARREL TYPE, BRAZED SEAM, TIN PLATED BRASS, WIRE SIZE 9-8-7 AWG, STUD 1/4&quot; <em><strong>PACKAGE OF 25 EACH</strong></em> NO SUBSTITUTE***</td>
<td>JEA</td>
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</tbody>
</table>

#### THOMAS AND BETTS

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<tr>
<th>Item</th>
<th>Description</th>
<th>Supplier</th>
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<tbody>
<tr>
<td>D8-14-SK</td>
<td>CONNECTOR, BUTT TYPE SPLICE, VINYL EXPANDED INSULATION, BARREL TYPE, BRAZED SEAM, TIN PLATED BRASS, WIRE SIZE 12-10 AWG <em><strong>PACKAGE OF 100 EACH</strong></em></td>
<td>JEA</td>
</tr>
</tbody>
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#### CNNWC

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>003</td>
<td>CONNECTOR, WIRE NUT, &quot;Y&quot; ELECTRICAL SPRING CONNECTOR, SCOTCHLOK WIRE SIZE 22-12 AWG <em><strong>PACKAGE OF 100 EACH</strong></em> NO SUBSTITUTE***</td>
<td>JEA</td>
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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>210</td>
<td>CONNECTOR, WIRE NUT, &quot;B&quot; ELECTRICAL SPRING CONNECTOR, SCOTCHLOK WIRE SIZE 12-6 AWG <em><strong>PACKAGE OF 100 EACH</strong></em> NO SUBSTITUTE***</td>
<td>JEA</td>
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<tr>
<td>215</td>
<td>CONNECTOR, WIRE NUT, &quot;R&quot; ELECTRICAL SPRING CONNECTOR, SCOTCHLOK WIRE SIZE 14-10 AWG <em><strong>PACKAGE OF 100 EACH</strong></em></td>
<td>JEA</td>
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<tbody>
<tr>
<td>220</td>
<td>CONNECTOR, WIRE NUT, &quot;R&quot; ELECTRICAL SPRING CONNECTOR, SCOTCHLOK WIRE SIZE 14-10 AWG <em><strong>PACKAGE OF 100 EACH</strong></em></td>
<td>JEA</td>
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<tr>
<th>Item</th>
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<td>054007-20041</td>
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<td>43150</td>
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<td>054007-20041</td>
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<tr>
<td>R-BOX</td>
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ELECTRICAL PARTS, COMMON

ELEBT

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<tbody>
<tr>
<td>048</td>
<td>BATTERY, 1.5 V, SIZE C, EXPIRATION DATE MUST APPEAR ON EACH INDIVIDUAL ITEM</td>
</tr>
<tr>
<td>DURACELL PC1400</td>
<td>EVEREADY BATTERY EN93</td>
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<tr>
<td>MN1400</td>
<td>INTERSTATE BATTERIES DRY0080</td>
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<tr>
<td>RAYOVAC</td>
<td></td>
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<tr>
<td>065</td>
<td>BATTERY, 1.5 V, &quot;AA&quot;, EXPIRATION DATE MUST APPEAR ON EACH INDIVIDUAL ITEM</td>
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<tr>
<td>DURACELL PC-1500</td>
<td>ENERGIZER EN-91</td>
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<td>MN1500</td>
<td>EVEREADY BATTERY EN-91</td>
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<tr>
<td>INTERSTATE BATTERIES DRY0070</td>
<td>RAYOVAC AL-AA</td>
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<tr>
<td>068</td>
<td>BATTERY, 1.5 V, &quot;D&quot;, ALKALINE, EXPIRATION DATE MUST APPEAR ON EACH INDIVIDUAL ITEM</td>
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<tr>
<td>DURACELL PC1300</td>
<td>EVEREADY BATTERY EN95</td>
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<tr>
<td>RAYOVAC</td>
<td>INTERSTATE BATTERIES DRY0085</td>
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<tr>
<td>076</td>
<td>BATTERY, 6 V, LANTERN, ALKALINE, EXPIRATION DATE MUST APPEAR ON EACH INDIVIDUAL ITEM</td>
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<tr>
<td>DURACELL MN908</td>
<td>EVEREADY BATTERY EN-529</td>
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<tr>
<td>078</td>
<td>BATTERY, 9 V, ALKALINE, EXPIRATION DATE MUST APPEAR ON EACH INDIVIDUAL ITEM</td>
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<tr>
<td>DURACELL PC1604</td>
<td>EVEREADY BATTERY EN22</td>
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<td>MN1604</td>
<td>INTERSTATE BATTERIES DRY0196</td>
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# ELECTRICAL COMPONENTS

## ELMAB

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<th>Item</th>
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<tbody>
<tr>
<td>460</td>
<td>BATTERY, SIZE C, NICKEL-CADMIUM, RECHARGEABLE. EVEREADY, RAY-O-VAC, EXPIRATION DATE MUST APPEAR ON EACH INDIVIDUAL ITEM</td>
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</table>

**EVEREADY BATTERY**

NH35BP-2

## ELMAE

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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>440</td>
<td>CLEANER, CONTACT, AEROSOL 15 OZ., NON-FLAMMABLE, CRC CHEMICAL #02140, PRECISION ELECTRONIC CLEANING SOLVENT ** NO SUBSTITUTE - NON-FLAMMABLE ONLY **</td>
</tr>
</tbody>
</table>

**CRC CHEMICALS, USA**

02140

<table>
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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>460</td>
<td>COIL, STARTER, 115VOLTS-60HZ. 95 VOLTS- 50HZ, GENERAL ELECTRIC #15D21GZ, FOR SIZE 0 AND NEW STARTER</td>
</tr>
</tbody>
</table>

**GENERAL ELECTRIC CO.**

15D21GZ

## ELMAF

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<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>440</td>
<td>RELAY, GENERAL PURPOSE, OCTAGONAL BASE, 8-PIN, DPDT, 120 VAC, 10 AMPS, CLEAR POLYCARBONATE DUST COVER, SILVER-CADIUM OXIDE CONTACTS --- POTTER &amp; BRUMFIELD #KRPA11AG</td>
</tr>
</tbody>
</table>

**POTTER AND BRUMFIELD**

KRPA11AG

## ELMAK

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<th>Item</th>
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<tbody>
<tr>
<td>560</td>
<td>KIT, CONTACT, AUXILIARY, 1-N.O. FOR SIZE 0 THRU 7, CUTLER-HAMMER #C320KA1</td>
</tr>
</tbody>
</table>

**CUTLER-HAMMER**

C320KGS20
ELECTRICAL COMPONENTS

ELMBA

Item Description: KIT CONTACT, UNIT, AUXILIARY, FOR 200 LINE MAGNETIC CONTACTORS & STARTERS, ADDER BLOCKS, 1 N.O. FOR NEMA SIZE 0-5, (2XE) 600V MAX., 250V DC MAX, FOR CR305-308 DEVICES. GENERAL ELECTRIC #CR305X100D

GENERAL ELECTRIC CO.
CR305X100D

ELMBC

Item Description: MONITOR, PHASE PLUG-IN MOUNTING, OCTAGON 8 PIN CONFIGURATION, AUTO RESET, 190-270 VAC., 50/60 HZ. DIVERSIFIED #SLA-230-ASA --OR-- SYRELEC #PWRU-220 **** NO SUBSTITUTES ****

DIVERSIFIED ELECTRONICS
SLA-230-ASA

SYRACUSE ELECTRONICS
PWRU-220

ELMBE

Item Description: FUSE, KTK- 1.0, 600 VOLT, 1 AMPERE, NON-TIME-DELAY, 13/32" X 1-1/2", FAST ACTING, LIMITRON.

BUSS FUNES
KTK-1.0

Item Description: FUSE, KTK 6.0, 600 VOLT, 6 AMPERE, 13/32" X 1-1/2", NON-TIME-DELAY, FAST ACTING. BUSS, SHAWMUT #A6Y6, OR EQUAL

BUSS FUNES
KTK-6.0

CHASE SHAWMUT CO.
A6Y6

ELMBG

Item Description: HEATER PACK, STARTER - FOR SIZE 1 STARTER. CUTLER HAMMER #H2010B-3 **NO SUBSTITUTE**

CUTLER-HAMMER
H2010B-3
## ELECTRICAL COMPONENTS

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<thead>
<tr>
<th>Item</th>
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<th>Code</th>
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<tr>
<td>726</td>
<td>HEATER PACK, STARTER - FOR SIZE 1 STARTER. CUTLER HAMMER # H2011B-3</td>
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<tr>
<td>735</td>
<td>HEATER PACK, STARTER - FOR SIZE 1 STARTER. CUTLER HAMMER # H2014B-3</td>
<td>H2014B-3</td>
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<tr>
<td>741</td>
<td>HEATER PACK, STARTER - FOR SIZE 2 STARTER. CUTLER HAMMER # H2015B-3</td>
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<td>744</td>
<td>HEATER PACK, STARTER - FOR SIZE 2 STARTER. CUTLER HAMMER # H2016B-3</td>
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<td>749</td>
<td>HEATER PACK, STARTER - FOR SIZE 2 STARTER. CUTLER HAMMER # H2017B-3</td>
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<tr>
<td>750</td>
<td>HEATER PACK, STARTER - FOR SIZE 3 &amp; 4 STARTER, CUTLER HAMMER # H2022-3</td>
<td>H2022-3</td>
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<tr>
<td>756</td>
<td>HEATER PACK, STARTER - FOR SIZE 3 &amp; 4 STARTER. CUTLER HAMMER # H2023-3</td>
<td>H2023-3</td>
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<tr>
<td>758</td>
<td>HEATER PACK, STARTER - FOR SIZE 3 &amp; 4 STARTER. CUTLER HAMMER # H2024-3</td>
<td>H2024-3</td>
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</tbody>
</table>
ELECTRICAL COMPONENTS

ELMBJ

Item | Description | NAED | SYL | GE | PHILLIPS | SYLVANIA
--- | --- | --- | --- | --- | --- | ---
260 | LAMP-60 WATT, 120 VOLT FROSTED 48/PKG, NAED #22114-3 60-A17/52/SS, SYL #17755 | 20337-2 100-A/RS/VS | 54A19TS/8M/SS | 13140 150A21/RS | 32272-7 150A21/RS/VS | 15241 150A23/RS 120V
280 | LAMP-100 WATT, 130 VOLT, IF ROUGH SERVICE, 125/130 VOLT 48/CASE, NAED #20337-2 100 A/RS/VS SYL #12991, 100A19/RS SYL #12991, 100A19/RS | 20337-2 100-A/RS/VS | 54A19TS/8M/SS | 13140 150A21/RS | 32272-7 150A21/RS/VS | 15241 150A23/RS 120V
320 | LAMP, INCANDESCENT, 150 WATT/120 VOLT, ROUGH SERVICE, INSIDE FROST, MEDIUM BASE, A-21 BULB. (GE LAMP ORDERING CODE #150A21/RS, PRODUCT CODE #13140), (PHILLIPS ORDERING CODE #150A21/RS/VS, PRODUCT CODE #32272-7) | 20337-2 100-A/RS/VS | 54A19TS/8M/SS | 13140 150A21/RS | 32272-7 150A21/RS/VS | 15241 150A23/RS 120V
330 | LAMP, INCANDESCENT, 150 WATT/120 VOLT, ROUGH SERVICE, INSIDE FROST, MEDIUM BASE PS25 BULB. GE ORDERING CODE #150/RS PRODUCT CODE #19616. PHILLIPS CODE #32272-7 | 20337-2 100-A/RS/VS | 54A19TS/8M/SS | 13140 150A21/RS | 32272-7 150A21/RS/VS | 15241 150A23/RS 120V
360 | LAMP, INCANDESCENT, 150 WATT/120 VOLT, ROUGH SERVICE, INSIDE FROST, MEDIUM BASE PS25 BULB. GE ORDERING CODE #150/RS PRODUCT CODE #19616. PHILLIPS CODE #32272-7 | 20337-2 100-A/RS/VS | 54A19TS/8M/SS | 13140 150A21/RS | 32272-7 150A21/RS/VS | 15241 150A23/RS 120V
380 | LAMP, FLOOD - 120 VOLT, 120 WATT. SYLVANIA #14855, 120PAR/CAP/FL. 15 LAMPS PER CASE | 20337-2 100-A/RS/VS | 54A19TS/8M/SS | 13140 150A21/RS | 32272-7 150A21/RS/VS | 15241 150A23/RS 120V
ELECTRICAL COMPONENTS

ELMBJ

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<tr>
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<tbody>
<tr>
<td>700</td>
<td>LAMP-FLUORESCENT, COOL WHITE 15/PER CASE 60 WATT, 96&quot;, SINGLE PIN PHILLIPS #34189-1, F96T12/CW/SS G.E. NO. F96T12/CW/WM/15 PK, OSRAM #29815 SYL #29476, NAED #34189-1</td>
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<tbody>
<tr>
<td>720</td>
<td>LAMP, FLUORESCENT, BI-PIN, 95WATT, F96T1 2/CW/HO/SS RECESSED CONTACTS. SYLVANIA- 25010-0; PHILLIPS NAED #21010</td>
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<tbody>
<tr>
<td>880</td>
<td>LAMP, #259, PANEL, 6.3 VOLT,.25 AMPEREE, WEDGE BASE, TYPE C-2R FILAMENT, 1.06&quot; OVERALL LENGTH. GENERAL ELECTRIC #259 OR EQUAL (10 PER BOX)</td>
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ELMCA

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<th>Item</th>
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<tbody>
<tr>
<td>180</td>
<td>MONITOR, POWER - 3-PHASE, 520 VAC MAX. INPUT, PLUG-IN TYPE, ADJUSTMENT RANGE TO BE 380-480 VAC, .05 SECOND DROP-OUT TIME,CONTACT RATING TO BE 3 AMPS @ 115V. TIME MARK MODEL #A258-B-480, TIME MARK CORP. 9800326-03 MOD. A258-B-480</td>
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ELMCB

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<tbody>
<tr>
<td>780</td>
<td>CONNECTOR, WATER TITE, FEMALE, WOODHEAD #15W47, THREE WIRE, 15A, 125 VOLT, GROUNDING BACKWIRED, INSULATED</td>
</tr>
</tbody>
</table>

WOODHEAD

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>720</td>
<td>LAMP, FLUORESCENT, BI-PIN, 95WATT, F96T1 2/CW/HO/SS RECESSED CONTACTS. SYLVANIA- 25010-0; PHILLIPS NAED #21010</td>
</tr>
<tr>
<td>880</td>
<td>LAMP, #259, PANEL, 6.3 VOLT,.25 AMPERE, WEDGE BASE, TYPE C-2R FILAMENT, 1.06&quot; OVERALL LENGTH. GENERAL ELECTRIC #259 OR EQUAL (10 PER BOX)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
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</thead>
<tbody>
<tr>
<td>180</td>
<td>MONITOR, POWER - 3-PHASE, 520 VAC MAX. INPUT, PLUG-IN TYPE, ADJUSTMENT RANGE TO BE 380-480 VAC, .05 SECOND DROP-OUT TIME,CONTACT RATING TO BE 3 AMPS @ 115V. TIME MARK MODEL #A258-B-480, TIME MARK CORP. 9800326-03 MOD. A258-B-480</td>
</tr>
<tr>
<td>780</td>
<td>CONNECTOR, WATER TITE, FEMALE, WOODHEAD #15W47, THREE WIRE, 15A, 125 VOLT, GROUNDING BACKWIRED, INSULATED</td>
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### ELECTRICAL COMPONENTS

#### ELMCF

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<tr>
<th>Item</th>
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</thead>
<tbody>
<tr>
<td>240</td>
<td><strong>KIT, SPLICING, SCOTCHLOK 89D3, MINNESOTA MINING &amp; MFG. CO. #82A3</strong></td>
<td>MINNESOTA MINING AND MANUFACTURER SCOTCHLOK 82A3 89D3</td>
</tr>
<tr>
<td>680</td>
<td>**STARTER, SIZE 1, NEMA-GENERAL PURPOSE, 120 VOLT COIL. FREEDOM SERIES. CUTLER-HAMMER #AN16DNOAB ***** NO SUBSTITUTE *******</td>
<td>CUTLER-HAMMER AN16DNOAB</td>
</tr>
<tr>
<td>700</td>
<td>**STARTER, SIZE 2, 240 VOLT. FREEDOM SERIES CUTLER-HAMMER #AN16GNOBB ***** NO SUBSTITUTE *******</td>
<td>CUTLER-HAMMER AN16GNOBB</td>
</tr>
<tr>
<td>780</td>
<td>**STARTER, SIZE 4, FREEDOM SERIES. CUTLER-HAMMER #AN16NNOA ***** NO SUBSTITUTE *******</td>
<td>CUTLER-HAMMER AN16NNOA</td>
</tr>
<tr>
<td>790</td>
<td>**STARTER, SIZE 3, 120 VOLT COIL, 3 PHASE, WITHOUT CONTROL TRANSFORMER, NO ENCLOSURE, TO BE SUPPLIED WITH OVER-LOAD RELAY. CUTLER HAMMER #AN16KNOA ***** NO SUBSTITUTE *******</td>
<td>CUTLER-HAMMER AN16KNOA</td>
</tr>
</tbody>
</table>

#### ELMCK

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<thead>
<tr>
<th>Item</th>
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</tr>
</thead>
<tbody>
<tr>
<td>700</td>
<td><strong>SWITCH TOGGLE, DOUBLE POLE, SINGLE THROW, ON-OFF, SCREW TERMINALS, 20 AMP, 277VAC, 1.5 HP, 4 TERMINALS MCGILL #0121-0001 (FORMER #0111-0001)</strong></td>
<td>MCGILL ELECTRIC 0121-0001</td>
</tr>
</tbody>
</table>
ELECTRICAL COMPONENTS

ELMCK

Item Description: TERMINAL, EASY DISCONNECT, FEMALE - 14-16 GAUGE WIRE, NYLON INSULATED, FOR .250" X .032" MALE TAB, FUNNELED WIRE ENTRY. THOMAS & BETTS STA-KON #RB14-250F (100 PER BOX)

THOMAS AND BETTS

RB14-250F STA-KON

ELMCL

Item Description: TIMER, 24 HOUR, MULTI OPERATION, 96 TRIPPERS, STEEL ENCLOSURE WITH GRAY ENAMEL FINISH AND HASP FOR LOCKING, 15 MINUTE MINIMUM SETTING, 24 HOUR MAXIMUM SETTING, UL LISTED, 125 VOLT, 60 HZ.

DAYTON

2E026

ELMCM

Item Description: VALVE, SOLENOID 3/4" - 220 VAC, 11 WATTS, CLASS "F" COIL, ASCO VALVE TYPE PFX FOR USE WITH WATER, FLUID TEMPERATURES TO 180 DEGREES, NORMALLY CLOSED OPERATION, OPERATING PRESSURE FROM 0 TO 100 PSI, BRASS BODY, 2-WAY VALVE, ASCO #8210G95

ASCO

8210G95

Item Description: WIRE, TRACE, DIRECT BURY, #12 AWG HS-CCS, GREEN INSULATION, 0.03" HDPE INSULATION THICKNESS, .141" O.D., MIN. RATED BREAK LOAD 250 LBS., 30 VOLT, 21% IACS, 500 FT. REEL

COPPER HEAD INDUSTRIES

SOLOSHOT-1230GHS500

PRO-LINE SAFETY PRODUCTS CO.

PRO-TRACE-744120532

Item Description: WIRE, TRACE, DIRECT BURY, #12 AWG HS-CCS, BLUE INSULATION, 0.03" HDPE INSULATION THICKNESS, .141" O.D., MIN. RATED BREAK LOAD 250 LBS., 30 VOLT, 21% IACS, 500 FT. REEL

COPPER HEAD INDUSTRIES

SOLOSHOT-1230BHS500

PRO-LINE SAFETY PRODUCTS CO.

PROTRACE-744120232
ELECTRICAL COMPONENTS

ELMCP

Item Description: TRANSDUCER, LEVEL, 4–20 MA OUTPUT, 24 VDC SUPPLY, 316 SS BODY, SS DIAPH., CALIBRATION RANGE 0–24 FEET, 100 FT CABLE, CABLE MANUF. SPECTRUM, COND SIZE 18 AWG, 16/30 TC INSUL., .010 POLYE CABLE 2 COND. WITH 18 AWG DRAIN WIRE, ALUM MYLAR WRAP

GP: 50 SIGMA CONTROLS
311-SZ-Y367 6100MP-015-1-DS-CD-SO-WC100

Item Description: TRANSDUCER, PRESSURE - 1-100 PSIG, 15 - 45 VDC INPUT SIGNAL, 4 - 20 MA OUTPUT SIGNAL, 316 SS BODY, 10 FT OF CABLE, CALIBRATED IN PSIG NOT IN FEET FOR FRESH WATER PRESSURE

AUTOMATION PRODUCTS GROUP, INC
PT-500A-100-PSI-S-L1-E0-P5-5-N0-B0

Item Description: TOOL, CRIMPING, COPPER, COMPRESSION, BURNDY TYPE "MY" DIELESS HYTOOL. TOOL RANGE SIZE TO BE #8-250. BURNDY TOOL #MY29-3

BURNDY CORP.
MY29-3
PUD–FASTENERS

**FASAA**

**Item** Description: PARTIAL SURPLUS – BOLT, EYE 5/8" - OFFSET, NATIONAL COURSE THREAD, 4" LONG, MUST MEET ASTM A-242 SPECIFICATIONS FOR MATERIALS, HIGH STRENGTH, CORROSION RESISTANT, 839 BLACK ROLLED STEEL MINIMUM.

**Item** Description: BOLT, EYE 3/4" - OFFSET, NATIONAL COURSE THREAD, 4-1/2" LONG, BOLT MUST MEET ASTM A-242 SPECIFICATIONS FOR MATERIALS, HIGH STRENGTH, CORROSION RESISTANT, 839 BLACK ROLLED STEEL MINIMUM. 50 EACH PER BOX.

**Item** Description: INACTIVE – BOLT, HEX HEAD – 3/4"-10 X 3", ZINC CHROME, GRADE 5

**Item** Description: INACTIVE – BOLT, HEX HEAD, 3/4" X 3-1/2", ZINC PLATED, BOLT TO BE GRADE 5 ONLY.

**Item** Description: INACTIVE – BOLT, HEX HEAD 3/4" X 4", GRADE 5, ZINC PLATED

**FASBB**

**Item** Description: BOLT, T HEAD, 1" X 6" WITH HEX NUT. NOTE: BOLTS TO BE MADE OF HIGH STRENGTH, CORROSION RESISTANT ALLOY. BOLTS MUST BE COMPATIBLE WITH CAST/DUCTILE IRON MECHANICAL JOINT FITTINGS. (FOR 36" MJ FITTINGS)
### PUD-FASTENERS

**FASCC**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>045</td>
<td><strong>LUG, TIE (DUC), DUCTILE</strong> - Used with tie rods to restrain MJ fittings, lugs must accept 3/4” all-thread rod. 72,000 lb. tensile strength (min.), 50,000 lb. yield strength (min.), approved manuf. only, *** no substitute***</td>
</tr>
</tbody>
</table>

**ASTRAL CORPORATION**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description: Nut, hex, 5/8”-11, zinc plated</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td></td>
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</tbody>
</table>

**ROMAC INDUSTRIES**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description: Nut, hex head 3/4”, plain, national course thread (black)</th>
</tr>
</thead>
<tbody>
<tr>
<td>600</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description: Nut, hex head - 3/4”-10, standard grade, heavy pattern, national course thread (50 or 100 per box or bag)</th>
</tr>
</thead>
<tbody>
<tr>
<td>700</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description: Washer, flat 3/4”, round cut, 1/8” thick 2” outside diameter, USS zinc plated</th>
</tr>
</thead>
<tbody>
<tr>
<td>910</td>
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</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description: Washer, flat, 4” x 4” square, 1/8” thick carbon steel with 7/8” center hole</th>
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</thead>
<tbody>
<tr>
<td>921</td>
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PUD-FILTERS

FLTAA

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>030</td>
<td>FILTER, AIR, 10&quot; X 20&quot; X 1&quot; DISPOSABLE TYPE PRECISIONAIRE OR EQUAL</td>
</tr>
</tbody>
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PUD-FITTINGS

FTGAA

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<th>Item</th>
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<tbody>
<tr>
<td>005</td>
<td>FLANGE, ADAPTER 3&quot;, FOR USE WITH DUCTILE IRON PIPE, TO BE SUPPLIED WITH GASKET.</td>
</tr>
<tr>
<td>015</td>
<td>FLANGE, ADAPTER 8&quot;, FOR USE WITH DUCTILE IRON PIPE, TO BE SUPPLIED WITH GASKET.</td>
</tr>
<tr>
<td>050</td>
<td>FLANGE, FILLER 6&quot; X 2&quot; FOR USE WITH DUCTILE IRON PIPE, TO BE SUPPLIED WITH 2 EACH GASKETS, 8 EACH 3/4&quot; X 5 1/2&quot; HEX HEAD STAINLESS STEEL BOLTS, 8 EACH 3/4&quot; STAINLESS STEEL HEX NUTS.</td>
</tr>
<tr>
<td>055</td>
<td>FLANGE, FILLER 8&quot; X 2&quot; FOR USE WITH DUCTILE IRON PIPE, TO BE SUPPLIED WITH 2 EACH GASKETS, 8 EACH 3/4&quot; X 5 1/2&quot; HEX HEAD STAINLESS STEEL BOLTS, 8 EACH 3/4&quot; STAINLESS STEEL HEX NUTS.</td>
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<tr>
<td>070</td>
<td>FLANGE, ADAPTER 3&quot;, FOR USE WITH PVC, TO BE SUPPLIED WITH GASKET.</td>
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<td>075</td>
<td>FLANGE, ADAPTER 8&quot;, FOR USE WITH PVC, TO BE SUPPLIED WITH GASKET.</td>
</tr>
<tr>
<td>100</td>
<td>UNIFLANGE, FLANGE, ADAPTER, 3&quot;,#200S FOR 3.50 O.D. STEEL PIPE, CLASS 150, TO BE SUPPLIED WITH GASKET.</td>
</tr>
<tr>
<td>200</td>
<td>FLANGE, ADAPTER, 4&quot;, FOR USE WITH CAST OR DUCTILE IRON PIPE, TO BE SUPPLIED WITH GASKET.</td>
</tr>
<tr>
<td>300</td>
<td>UNIFLANGE, FLANGE, ADAPTER, 6&quot;, FOR USE WITH CAST OR DUCTILE IRON PIPE, TO BE SUPPLIED WITH GASKET</td>
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UNIFLANGE

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<tr>
<td>200C</td>
<td>INACTIVE - UNIFLANGE, FLANGE, ADAPTER, 4&quot;,#900C FOR USE WITH CAST IRON O.D. PVC PIPE</td>
</tr>
<tr>
<td>400C</td>
<td>INACTIVE - UNIFLANGE, FLANGE, ADAPTER, 6&quot;,#900C FOR USE WITH CAST IRON O.D. PVC PIPE</td>
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<td>010</td>
<td>ADAPTER, PIPE - GALVANIZED, 3/4&quot;, MALE HOSE BARB X MALE IRON PIPE THREAD.</td>
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Water and Wastewater Master Material Catalog

PUD-FITTINGS

FTGAE

Item Description: ADAPTER, BRASS - 2-1/2" FEMALE NATIONAL STANDARD THREAD (FNST) X 2" FEMALE IRON PIPE THREAD (FIPT), RIGID HEXAGON (FIPT 2") X SWIVEL CONNECTION (FNST - 2-1/2")
030 DESANNO DIXON SEALFAST
73 RSF25F20T K35R25NST2NPT

Item Description: ADAPTER, BRASS - 2-1/2" MALE NATIONAL STANDARD THREAD (MNST) X 2" FEMALE IRON PIPE THREAD (FIPT).
040 MOON POWHATAN U.F.S.
356 15216-2

Item Description: ADAPTER, BRASS - 2-1/2" FEMALE NATIONAL STANDARD THREAD (FNST) X 2" MALE IRON PIPE THREAD (MIPT), SWIVEL CONNECTION (FNST-2-1/2") X RIGID HEXAGON (MIPT-2")
050 DESANNO DIXON
72 SM25F20T

Item Description: ADAPTER, BULL HEAD SERVICE 2" FIP INLET: (4) FOUR 1" FIP OUTLETS:
115 FORD
Y11-474-NL

Item Description: WYE, BRASS NL, 1" SINGLE BRANCH W/TWO MULTI-BRANCH- 1", PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) BOTH ENDS
120 FORD
Y44-244-NL

Item Description: WYE, BRASS NL, 2" SINGLE BRANCH W/TWO MULTI-BRANCH- 1", PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) BOTH ENDS
125 FORD
Y44-274-NL
PUD-FITTINGS

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<td>200</td>
<td>BUSHING, NO LEAD BRASS - 1&quot;CC X 3/4&quot;CC THREAD, BUSHING TO BE USED IN SERVICE SADDLES TO REDUCE DOWN SIZE OF THREAD.</td>
</tr>
<tr>
<td></td>
<td>FORD</td>
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<tr>
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<td>BBAA-43-NL</td>
</tr>
<tr>
<td>250</td>
<td>BUSHING, BRASS - 1-1/2&quot;CC X 1&quot;CC THREAD, BUSHING TO BE USED IN SERVICE SADDLES TO REDUCE DOWN SIZE OF THREAD.</td>
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<td>FORD</td>
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<td>BBAA-64-NL</td>
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<tr>
<td>300</td>
<td>BUSHING, NO LEAD BRASS - 2&quot;CC X 1-1/2&quot;CC THREAD, BUSHING TO BE USED IN SERVICE SADDLES TO REDUCE DOWN SIZE OF THREAD. FORD OR EQUAL</td>
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<tr>
<td></td>
<td>FORD</td>
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<td>BBAA-76-NL</td>
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<tr>
<td>510</td>
<td>BUSHING, PIPE - BRASS, 1/4&quot;MIPT X 1/8&quot; FIPT.</td>
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<tr>
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<td>BARNETT BRASS</td>
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<tr>
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<td>110-4-20</td>
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<tr>
<td>530</td>
<td>BUSHING, PIPE - BRASS, 3/8&quot;MIPT X 1/4&quot; FIPT.</td>
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<td>540</td>
<td>BUSHING, PIPE - BRASS, 1/2&quot;MIPT X 1/4&quot; FIPT.</td>
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<td>550</td>
<td>BUSHING, PIPE - BRASS, 1/2&quot;MIPT X 3/8&quot; FIPT</td>
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### PUD-FITTINGS

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<tr>
<td>560</td>
<td>BUSHING, PIPE - BRASS, 3/4&quot; X 1/4&quot;</td>
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<tr>
<td>570</td>
<td>BUSHING, PIPE - BRASS 3/4&quot; X 3/8&quot;</td>
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<tr>
<td>580</td>
<td>BUSHING, PIPE - NO LEAD BRASS, 3/4&quot;MIPT X 1/2&quot;FIPT</td>
<td>MERIT BRASS XNL114 3/4&quot;x1/2&quot;</td>
</tr>
<tr>
<td>590</td>
<td>BUSHING, PIPE - NO LEAD BRASS 1&quot;MIPT X 1/2&quot;FIPT</td>
<td>MERIT BRASS XNL114 1&quot;x1/2&quot;</td>
</tr>
<tr>
<td>600</td>
<td>BUSHING, PIPE - NO LEAD BRASS 1&quot;MIPT X 3/4&quot;FIPT</td>
<td>MERIT BRASS XNL114 1&quot;x3/4&quot;</td>
</tr>
<tr>
<td>604</td>
<td>BUSHING, PIPE - NO LEAD BRASS, 2&quot; X 1-1/2&quot;</td>
<td>MERIT BRASS XNL114-3224 IBRLFBKJ</td>
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<tr>
<td>606</td>
<td>BUSHING, PIPE - NO LEAD BRASS 1-1/2&quot; X 3/4&quot;</td>
<td>MERIT BRASS XNL114 1-1/2&quot;x3/4&quot;</td>
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**Water and Wastewater Master Material Catalog**

### FTGAJ

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<tr>
<td>020</td>
<td>INACTIVE - COUPLING, PIPE - BRASS, 1/4&quot;.</td>
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<tr>
<td>040</td>
<td>COUPLING BRASS 1/2&quot;</td>
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<td>050</td>
<td>COUPLING, PIPE - NO LEAD BRASS, 3/4&quot;.</td>
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<td>MERIT BRASS</td>
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<td>XNL111 3/4&quot;</td>
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<td>650</td>
<td>ELL, PIPE - NO LEAD BRASS, 45 DEGREE, 3/4&quot;.</td>
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<td>XNL102 3/4&quot;</td>
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## PUD-FITTINGS

### FTGAJ

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<tr>
<td>720</td>
<td>ELL, PIPE - BRASS, 90 DEGREE, 1/4&quot;.</td>
<td>XNL101 3/4&quot;</td>
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<td>ELL, PIPE - NO LEAD BRASS, 90 DEGREE, 3/4&quot;.</td>
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<td>XNL101 2&quot;</td>
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PUD-FITTINGS

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<td>NIPPLE, PIPE, NO-LEAD BRASS, 1-1/4&quot; X 3'</td>
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<td>NIPPLE, PIPE - STAINLESS 316 GRADE, 2&quot; X CLOSE</td>
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## PUD-FITTINGS

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<td>NIPPLE, PIPE - STAINLESS 316 GRADE, 2&quot; X 6&quot;.</td>
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<tr>
<td>530</td>
<td>PLUG, PIPE - BRASS, 3/8&quot;.</td>
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<td>PLUG, PIPE - BRASS, 1/2&quot;.</td>
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<td>PLUG, PIPE - BRASS, 3/4&quot;.</td>
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<td>555</td>
<td>PLUG, PIPE, NO-LEAD BRASS, 1&quot;</td>
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<td>PLUG, PIPE, NO-LEAD BRASS, 2&quot;</td>
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<td>PLUG, 3/4&quot; SOLID BRASS, WITH CC THREADS.</td>
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<td>PLUG, MUELLER - BRASS, 1&quot;.</td>
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PUD-FITTINGS

FTGAN

Item Description:  PLUG, MUELLER - BRASS, 2".
660

FTGAP

Item Description:  INACTIVE - REDUCER, PIPE - NO-LEAD BRASS, 1/4" X 1/8".
010

Item Description:  INACTIVE - REDUCER, PIPE - NO-LEAD BRASS, 1/2" X 1/8".
040

Item Description:  INACTIVE - REDUCER, PIPE - NO-LEAD BRASS, 1/2" X 1/4".
050

FTGAR

Item Description:  TEE, PIPE - NO-LEAD BRASS, 1/4" X 1/4" X 1/4".
020

Item Description:  TEE, PIPE - NO-LEAD BRASS, 3/4" X 3/4" X 3/4".
050

Item Description:  TEE, PIPE - NO-LEAD BRASS, 1" X 1" X 1" CTS
070

FORD
T444-444
**PUD-FITTINGS**

**FTGAT**

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<td>BEND, DUCTILE IRON, 18&quot;, 11-1/4 DEGREE, MECHANICAL JOINT, (TO BE SUPPLIED WITHOUT ACCESSORIES).</td>
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Item  Description:  BEND, DUCTILE IRON, 20", 22-1/2 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).
280

Item  Description:  BEND, DUCTILE IRON, 18", 22-1/2 DEGREE, MECHANICAL JOINT, (TO BE SUPPLIED WITHOUT ACCESSORIES).
285

Item  Description:  BEND, DUCTILE IRON, 24", 22-1/2 DEGREE, MECHANICAL JOINT. WITHOUT ACCESSORIES . UNION, TYLER, US PIPE, OR EQUAL
290

Item  Description:  BEND, DUCTILE IRON, 30", 22-1/2 DEGREE, MECHANICAL JOINT, (TO BE SUPPLIED WITHOUT ACCESSORIES).
295

Item  Description:  BEND, DUCTILE IRON, 36", 22-1/2 DEGREE, MECHANICAL JOINT, (TO BE SUPPLIED WITHOUT ACCESSORIES)
300

Item  Description:  BEND, DUCTILE IRON, 4", 45 DEGREE, MECHANICAL JOINT.(TO BE SUPPLIED WITHOUT ACCESSORIES).
310

Item  Description:  INACTIVE - BEND, FLANGED, 4", 45 DEGREE, DUCTILE IRON, SHORT PATTERN.
317

TYLER PIPE
#5-705
### PUD-FITTINGS

**FTGAT**

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<th>Item</th>
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<tr>
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<tr>
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<tr>
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<tr>
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<td>390</td>
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<td><strong>BEND, DUCTILE IRON, 36&quot;</strong>, 45 DEGREE, MECHANICAL JOINT, (TO BE SUPPLIED WITHOUT ACCESSORIES).</td>
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<td><strong>BEND, DUCTILE IRON, 3&quot;</strong>, 90 DEGREE, FLANGED.</td>
<td><strong>STAR PIPE PRODUCTS</strong></td>
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<td><strong>SIGMA</strong></td>
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<td><strong>U.S. PIPE</strong></td>
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<td>410</td>
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<td><strong>STAR PIPE PRODUCTS</strong></td>
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<td><strong>BEND, DUCTILE IRON, 4&quot;</strong>, 90 DEGREE, FLANGED.</td>
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PUD-FITTINGS

**FTGAT**

**Item** Description:  BEND, DUCTILE IRON, 6", 90 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).

420

**Item** Description:  BEND, DUCTILE IRON, 6", 90 DEGREE, FLANGED.

425

**Item** Description:  BEND, DUCTILE IRON, 8", 90 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).

430

**Item** Description:  BEND, DUCTILE IRON, 8", 90 DEGREE, FLANGED.

435

**Item** Description:  BEND, DUCTILE IRON, 10", 90 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).

440

**Item** Description:  BEND, DUCTILE IRON, 10", 90 DEGREE, FLANGED.

445

**Item** Description:  BEND, DUCTILE IRON, 12", 90 DEGREE, MECHANICAL JOINT (TO BE SUPPLIED WITHOUT ACCESSORIES).

450

**Item** Description:  BEND, DUCTILE IRON, 14", 90 DEGREE, MECHANICAL JOINT, (TO BE SUPPLIED WITHOUT ACCESSORIES).

460
PUD-FITTINGS

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**Item** | **Description** | **Page**
---|---|---
| BEND, DUCTILE IRON, 16", 90 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES). | 470 |
| BEND, DUCTILE IRON, 24", 90 DEGREE, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES). | 490 |
| BEND, DUCTILE IRON, 18", 90 DEGREE, MECHANICAL JOINT, (TO BE SUPPLIED WITHOUT ACCESSORIES). | 495 |
| BEND, DUCTILE IRON, 16", 11-1/4 DEGREE MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES) | 500 |
| BEND, DUCTILE IRON, 30", 90 DEGREE, MECHANICAL JOINT, (TO BE SUPPLIED WITHOUT ACCESSORIES). | 505 |
| BEND, DUCTILE IRON, 18", 11-1/4 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES). | 510 |
| BEND, DUCTILE IRON, 36", 90 DEGREE, MECHANICAL JOINT, (TO BE SUPPLIED WITHOUT ACCESSORIES). | 515 |
PUD-FITTINGS

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Item | Description: BEND, DUCTILE IRON, 20", 11-1/4 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES).

Item | Description: BEND, DUCTILE IRON, 24", 11-1/4 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES).

Item | Description: BEND, DUCTILE IRON, 30", 11-1/4 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES).

Item | Description: BEND, DUCTILE IRON, 36", 11-1/4 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES).

Item | Description: BEND, DUCTILE IRON, 6", 22-1/2 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.

Item | Description: BEND, DUCTILE IRON, 8", 22-1/2 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.
### PUD-FITTINGS

#### FTGAT

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>606</td>
<td>BEND, DUCTILE IRON, 10&quot;, 22-1/2 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.</td>
</tr>
<tr>
<td>608</td>
<td>BEND, DUCTILE IRON, 12&quot;, 22-1/2 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.</td>
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<tr>
<td>610</td>
<td>BEND, DUCTILE IRON, 16&quot;, 22-1/2 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED</td>
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<tr>
<td>612</td>
<td>BEND, DUCTILE IRON, 18&quot;, 22-1/2 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES)</td>
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<tr>
<td>615</td>
<td>BEND, DUCTILE IRON, 20&quot;, 22-1/2 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES).</td>
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<tr>
<td>618</td>
<td>BEND, DUCTILE IRON, 24&quot;, 22-1/2 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES).</td>
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PUD-FITTINGS

FTGAT

Item | Description: BEND, DUCTILE IRON, 30", 22-1/2 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES).

Item | Description: BEND, DUCTILE IRON, 36", 22-1/2 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES).

Item | Description: BEND, DUCTILE IRON, 4", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.

Item | Description: BEND, DUCTILE IRON, 6", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.

Item | Description: BEND, DUCTILE IRON, 8", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.

Item | Description: BEND, DUCTILE IRON, 10", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.

Item | Description: BEND, DUCTILE IRON, 12", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.
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Item  Description:  BEND, DUCTILE IRON, 16", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.
642

Item  Description:  BEND, DUCTILE IRON, 18", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED,(TO BE SUPPLIED WITHOUT ACCESSORIES).
644

Item  Description:  BEND, DUCTILE IRON, 20", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES
646

Item  Description:  BEND, DUCTILE IRON, 24", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED,(TO BE SUPPLIED WITHOUT ACCESSORIES).
648

Item  Description:  BEND, DUCTILE IRON, 30", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED,(TO BE SUPPLIED WITHOUT ACCESSORIES).
650

Item  Description:  BEND, DUCTILE IRON, 36", 45 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED,(TO BE SUPPLIED WITHOUT ACCESSORIES).
655

Item  Description:  BEND, DUCTILE IRON, 4", 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES.
660
PUD-FITTINGS

FTGAT

Item Description: BEND, DUCTILE IRON, 6", 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES. 662

Item Description: BEND, DUCTILE IRON, 8", 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES 664

Item Description: BEND, DUCTILE IRON, 10", 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES. 666

Item Description: BEND, DUCTILE IRON, 12", 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES. 668

Item Description: BEND, DUCTILE IRON, 16", 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES). 670

Item Description: BEND, DUCTILE IRON, 18", 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES). 680

Item Description: BEND, DUCTILE IRON, 20", 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES). 690
PUD-FITTINGS

FTGAT

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<td>BEND, DUCTILE IRON, 24&quot;, 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES)</td>
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<td>BEND, DUCTILE IRON, 30&quot;, 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES)</td>
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<td>720</td>
<td>BEND, DUCTILE IRON, 36&quot;, 90 DEGREE, MECHANICAL JOINT, 40-MIL EPOXYLINED. (TO BE SUPPLIED WITHOUT ACCESSORIES)</td>
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FTGAV

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<tr>
<td>010</td>
<td>CAP, DUCTILE IRON, 3&quot; MECHANICAL JOINT, WITHOUT ACCESSORIES</td>
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<tr>
<td>020</td>
<td>CAP, DUCTILE IRON, 6&quot;, MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES)</td>
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PUD-FITTINGS

FTGAV

Item Description: CAP, DUCTILE IRON, 8", MECHANICAL JOINT. (TO BE SUPPLIED WITHOUT ACCESSORIES).
030

Item Description: CAP, DUCTILE IRON, 10", MECHANICAL JOINT (TO BE SUPPLIED WITHOUT ACCESSORIES).
040

Item Description: CAP, DUCTILE IRON, 12", MECHANICAL JOINT (TO BE SUPPLIED WITHOUT ACCESSORIES).
050

Item Description: CAP, DUCTILE IRON, 16", TAP 2,MECHANICAL JOINT.TO BE SUPPLIED WITHOUT ACCESSORIES.
061

FTGAZ

Item Description: CROSS, DUCTILE IRON, 4" X 4", MECHANICAL JOINT.TO BE SUPPLIED WITHOUT ACCESSORIES.
010

Item Description: CROSS, DUCTILE IRON, 6" X 6", MECHANICAL JOINT.TO BE SUPPLIED WITHOUT ACCESSORIES.
020

Item Description: CROSS, DUCTILE IRON, 8" X 6", MECHANICAL JOINT.TO BE SUPPLIED WITHOUT ACCESSORIES.
030
PUD-FITTINGS

FTGAZ

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<th>Item</th>
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<th>Item</th>
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<th>Item</th>
<th>Description: CROSS, DUCTILE IRON, 16&quot; X 10&quot;, MECHANICAL JOINT.TO BE SUPPLIED W/ 16&quot; ACCESSORIES.</th>
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<th>Item</th>
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<th>Item</th>
<th>Description: CROSS, DUCTILE IRON, 20&quot; X 12&quot;, MECHANICAL JOINT.TO BE SUPPLIED W/ 20&quot; ACCESSORIES.</th>
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<tr>
<td>020</td>
<td>OFFSET, DUCTILE IRON, MECHANICAL JOINT, 4&quot;, W/18&quot; DROP, FULL BODY, WITHOUT ACCESSORIES.</td>
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<tr>
<td>030</td>
<td>OFFSET, DUCTILE IRON, MECHANICAL JOINT, 6&quot;, W/12&quot; DROP, FULL BODY, WITHOUT ACCESSORIES.</td>
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<tr>
<td>040</td>
<td>OFFSET, DUCTILE IRON, MECHANICAL JOINT, 6&quot;, W/18&quot; DROP, FULL BODY, WITHOUT ACCESSORIES.</td>
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<tr>
<td>050</td>
<td>OFFSET, DUCTILE IRON, MECHANICAL JOINT, 8&quot;, W/12&quot; DROP, FULL BODY, WITHOUT ACCESSORIES.</td>
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<tr>
<td>060</td>
<td>OFFSET, CAST IRON, MECHANICAL JOINT, 8&quot;, W/18&quot; DROP, FULL BODY, DUCTILE IRON, WITHOUT ACCESSORIES.</td>
</tr>
<tr>
<td>070</td>
<td>OFFSET, DUCTILE IRON, MECHANICAL JOINT, 10&quot;, W/12&quot; DROP, FULL BODY, WITHOUT ACCESSORIES.</td>
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<tr>
<td>080</td>
<td>OFFSET, DUCTILE IRON, MECHANICAL JOINT, 10&quot;, W/18&quot; DROP, FULL BODY, WITHOUT ACCESSORIES.</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------------------------------------------------</td>
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<tr>
<td>090</td>
<td>OFFSET, DUCTILE IRON, MECHANICAL JOINT, 12&quot;, W/12&quot;DROP, FULL BODY, WITHOUT ACCESSORIES.</td>
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<tr>
<td>100</td>
<td>OFFSET, DUCTILE IRON, MECHANICAL JOINT, 12&quot;, W/18&quot;DROP, FULL BODY, WITHOUT ACCESSORIES.</td>
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<td>110</td>
<td>OFFSET, DUCTILE IRON, MECHANICAL JOINT, 16&quot;, W/12&quot;DROP, FULL BODY, WITHOUT ACCESSORIES.</td>
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<tr>
<td>120</td>
<td>OFFSET, DUCTILE IRON, MECHANICAL JOINT, 16&quot;, W/18&quot;DROP, FULL BODY, WITHOUT ACCESSORIES.</td>
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<tr>
<td>007</td>
<td>PLUG, DUCTILE IRON, 3&quot; TAPPED 2&quot;, MJ.</td>
</tr>
<tr>
<td>010</td>
<td>PLUG, DUCTILE IRON, MECHANICAL JOINT, 4&quot; WITHOUT ACCESSORIES.</td>
</tr>
<tr>
<td>030</td>
<td>PLUG, DUCTILE IRON, MECHANICAL JOINT, 4&quot; TAPPED 2&quot;, WITHOUT ACCESSORIES.</td>
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FTGBF

Item Description: PLUG, DUCTILE IRON, MECHANICAL JOINT, 6" WITHOUT ACCESSORIES.
040

Item Description: PLUG, DUCTILE IRON, MECHANICAL JOINT, 6" TAPPED 2", WITHOUT ACCESSORIES.
070

Item Description: PLUG, DUCTILE IRON, MECHANICAL JOINT, 8" WITHOUT ACCESSORIES.
080

Item Description: PLUG, DUCTILE IRON, MECHANICAL JOINT, 8" TAPPED 2", WITHOUT ACCESSORIES.
090

Item Description: PLUG, DUCTILE IRON, MECHANICAL JOINT, 10", WITHOUT ACCESSORIES.
110

Item Description: PLUG, DUCTILE IRON, MECHANICAL JOINT, 10" TAPPED 2", WITHOUT ACCESSORIES.
130

Item Description: PLUG, DUCTILE IRON, MECHANICAL JOINT, 12" WITHOUT ACCESSORIES.
140

Item Description: PLUG, DUCTILE IRON, MECHANICAL JOINT, 12" TAPPED 2", WITHOUT ACCESSORIES.
160
PUD-FITTINGS

FTGBF

Item  Description:  PLUG, DUCTILE IRON, MECHANICAL JOINT, 16", WITHOUT ACCESSORIES.
170

Item  Description:  PLUG, CAST IRON, MECHANICAL JOINT, 20", WITHOUT ACCESSORIES.
180

Item  Description:  PLUG, CAST IRON, MECHANICAL JOINT, 24", WITHOUT ACCESSORIES.
190

FTGBH

Item  Description:  REDUCER, DUCTILE IRON, MECHANICAL JOINT, 4" X 3", WITHOUT ACCESSORIES.
000

Item  Description:  REDUCER, DUCTILE IRON, MECHANICAL JOINT, 6" X 4", WITHOUT ACCESSORIES.
010

Item  Description:  REDUCER, DUCTILE IRON, MECHANICAL JOINT, 8" X 4", WITHOUT ACCESSORIES.
020

Item  Description:  REDUCER, DUCTILE IRON, MECHANICAL JOINT, 8" X 6", WITHOUT ACCESSORIES.
030
### REDUCER, DUCTILE IRON, MECHANICAL JOINT

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<thead>
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<tbody>
<tr>
<td>040</td>
<td>REDUCER, DUCTILE IRON, MECHANICAL JOINT, 10&quot; X 4&quot;, WITHOUT ACCESSORIES.</td>
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<tr>
<td>050</td>
<td>REDUCER, DUCTILE IRON, MECHANICAL JOINT, 10&quot; X 6&quot;, WITHOUT ACCESSORIES.</td>
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<tr>
<td>060</td>
<td>REDUCER, DUCTILE IRON, MECHANICAL JOINT, 10&quot; X 8&quot;, WITHOUT ACCESSORIES.</td>
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<tr>
<td>070</td>
<td>REDUCER, DUCTILE IRON, MECHANICAL JOINT, 12&quot; X 4&quot;, EXPOXYLINED, WITHOUT ACCESSORIES</td>
</tr>
<tr>
<td>075</td>
<td>REDUCER, DUCTILE IRON, MECHANICAL JOINT, 12&quot; X 6&quot;, EXPOXYLINED, WITHOUT ACCESSORIES</td>
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<td>080</td>
<td>REDUCER, DUCTILE IRON, MECHANICAL JOINT, 12&quot; X 6&quot;, WITHOUT ACCESSORIES.</td>
</tr>
<tr>
<td>085</td>
<td>REDUCER, DUCTILE IRON, MECHANICAL JOINT, 12&quot; X 8&quot;, EXPOXYLINED, WITHOUT ACCESSORIES</td>
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<td>REDUCER, DUCTILE IRON, MECHANICAL JOINT, 12&quot; X 8&quot;, WITHOUT ACCESSORIES.</td>
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PUD- FITTINGS

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Item  Description: REDUCER, DUCTILE IRON, MECHANICAL JOINT, 12" X 10", EXPoxylinED, WITHOUT ACCESSORIES  095

Item  Description: REDUCER, DUCTILE IRON, MECHANICAL JOINT, 12" X 10", WITHOUT ACCESSORIES.  100

Item  Description: REDUCER, DUCTILE IRON, MECHANICAL JOINT, 14" X 12", EXPoxylinED, WITHOUT ACCESSORIES  105

Item  Description: REDUCER, DUCTILE IRON, MECHANICAL JOINT, 16" X 6", WITHOUT ACCESSORIES.  110

Item  Description: REDUCER, DUCTILE IRON, MECHANICAL JOINT, 16" X 10", WITHOUT ACCESSORIES.  130

Item  Description: REDUCER, DUCTILE IRON, MECHANICAL JOINT, 16" X 12", WITHOUT ACCESSORIES.  140

Item  Description: REDUCER, DUCTILE IRON, MECHANICAL JOINT, 16" X 14", SHORT BODY, W/OUT ACCESSORIES.  145

Item  Description: REDUCER, CAST IRON, MECHANICAL JOINT, 20" X 12" WITHOUT ACCESSORIES.  160
### PUD-FITTINGS

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<td>REDUCER, CAST IRON, MECHANICAL JOINT, 24&quot; X 20&quot;, WITH ACCESSORIES.</td>
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<tr>
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<td>SPOOL, DUCTILE IRON, FLANGED X FLANGED, 6&quot; X 3 FOOT.</td>
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<td>SPOOL, DUCTILE IRON, FLANGED X FLANGED, 6&quot; X 12&quot;.</td>
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<td>SPOOL, DUCTILE IRON, FLANGED X FLANGED, 8&quot; X 3 FOOT.</td>
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<td>SPOOL, DUCTILE IRON, FLANGED X FLANGED, 10&quot; X 3 FOOT.</td>
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### PUD-FITTINGS

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<tr>
<td>003</td>
<td>SLEEVE, DUCTILE IRON, MECHANICAL JOINT, 3&quot;, SHORT PATTERN, WITHOUT ACCESSORIES DOMESTIC ORIGIN CASTINGS ONLY. UNION, TYLER, U.S. PIPE, OR EQUAL.</td>
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<tr>
<td>Sigma</td>
<td>STAR PIPE PRODUCTS</td>
</tr>
<tr>
<td>ORDER BY DESCRIPTION</td>
<td>ORDER BY DESCRIPTION</td>
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<tr>
<td>U.S. PIPE</td>
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<tbody>
<tr>
<td>010</td>
<td>SLEEVE, DUCTILE IRON, MECHANICAL JOINT, 4&quot;, SHORT PATTERN, WITHOUT ACCESSORIES</td>
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<td>Sigma</td>
<td>STAR PIPE PRODUCTS</td>
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<tr>
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<td>U.S. PIPE</td>
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<tbody>
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<td>015</td>
<td>SLEEVE, DUCTILE IRON, MECHANICAL JOINT, 4&quot;, 12 LONG PATTERN, WITHOUT ACCESSORIES.</td>
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<tr>
<td>Sigma</td>
<td>STAR PIPE PRODUCTS</td>
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<tr>
<td>ORDER BY DESCRIPTION</td>
<td>Description</td>
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<tbody>
<tr>
<td>021</td>
<td>SLEEVE, DUCTILE IRON, 4&quot;, &quot;GROUND DOWN&quot;. SHORT PATTERN, STANDARD MJ SLEEVE AND ONE (1) ACCESSORY PACK TO BE &quot;GROUND DOWN&quot; TO AN ID OF 5.25&quot;. THE OTHER END OF SLEEVE WILL REMAIN STANDARD. ** SHIP ASSEMBLED **</td>
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<tr>
<td>Sigma</td>
<td>STAR</td>
</tr>
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<td>U.S. PIPE</td>
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<tr>
<td>025</td>
<td>SLEEVE, DUCTILE IRON, 4&quot;, &quot;GROUND DOWN&quot;. 12 LONG PATTERN, STANDARD MJ SLEEVE AND ONE (1) ACCESSORY</td>
<td>Description</td>
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<td>030</td>
<td>SLEEVE, DUCTILE IRON, MECHANICAL JOINT, 6&quot;, SHORT PATTERN, WITHOUT ACCESSORIES.</td>
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<td>035</td>
<td>SLEEVE, DUCTILE IRON, MECHANICAL JOINT, 6&quot;, 12 LONG PATTERN, WITHOUT ACCESSORIES.</td>
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<td>042</td>
<td>SLEEVE, DUCTILE IRON, 6&quot;, &quot;GROUND DOWN&quot;. 12 LONG PATTERN, STANDARD MJ NE (1) ACCESSORY</td>
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### PUD-FITTINGS

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<th>Item</th>
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<th>Star Pipe Products</th>
<th>Tyler Pipe</th>
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<tr>
<td>045</td>
<td>SLEEVE, 6&quot; DUCTILE IRON, GROUND DOWN, SHORT PATTERN, STANDARD MJ SLEEVE AND (1) ACCESSORY PACK TO BE &quot;GROUND DOWN&quot; TO AN ID OF 7.40&quot; ONE END OF A STANDARD SLEEVE AND THE OTHER END WILL REMAIN STANDARD. ** SHIP ASSEMBLED. **</td>
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<td>050</td>
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<td>053</td>
<td>SLEEVE, DUCTILE IRON, 8&quot;, &quot;GROUND DOWN&quot;. 12 LONG PATTERN, STANDARD MJ SLEEVE AND ONE (1) ACCESSORY</td>
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<td>055</td>
<td>SLEEVE, 8&quot; DUCTILE IRON, GROUND DOWN, SHORT PATTERN, STANDARD MJ SLEEVE AND (1) ACCESSORY PACK</td>
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<td>TYLER PIPE</td>
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<td>071</td>
<td>SLEEVE, DUCTILE IRON, 10&quot;, &quot;GROUND DOWN&quot;. 12 LONG PATTERN, STANDARD MJ SLEEVE AND ONE (1) ACCESSORY</td>
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<td>075</td>
<td>SLEEVE, DUCTILE IRON, 12&quot;, &quot;GROUND DOWN&quot;. 12 LONG PATTERN, STANDARD MJ SLEEVE AND ONE (1) ACCESSORY PACK TO BE &quot;GROUND DOWN&quot; TO AN ID OF 13.70&quot;. THE OTHER END OF THE SLEEVE WILL REMAIN STANDARD. ** SHIP ASSEMBLED**.</td>
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### PUD-FITTINGS

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<td>085</td>
<td>SLEEVE, DUCTILE IRON, 14&quot;, &quot;GROUND DOWN&quot;. 15¿ LONG PATTERN, STANDARD MJ SLEEVE AND ONE (1) ACCESSORY</td>
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<td>105</td>
<td>SLEEVE, DUCTILE IRON, 18&quot;, &quot;GROUND DOWN&quot;. STANDARD MJ SLEEVE AND ONE (1) ACCESSORY PACK TO BE</td>
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<td>110</td>
<td>SLEEVE, CAST IRON, MECHANICAL JOINT, 20&quot;, 15&quot; LONG PATTERN, WITHOUT ACCESSORIES.</td>
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<td>SLEEVE, DUCTILE IRON, 20&quot;, &quot;GROUND DOWN&quot;. 15&quot; LONG PATTERN STANDARD MJ SLEEVE AND ONE (1) ACCESSORY</td>
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<td>130</td>
<td>SLEEVE, CAST IRON, MECHANICAL JOINT, 24&quot;, 15&quot; LONG PATTERN, WITHOUT ACCESSORIES.</td>
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PUD-FITTINGS

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**Item** | **Description** | **SIGMA** | **STAR PIPE PRODUCTS** | **TYLER PIPE**
---|---|---|---|---
135 | SLEEVE, DUCTILE IRON, 24", "GROUND DOWN". 15\(\frac{\text{¿}}{2}\) LONG PATTERN, STANDARD MJ SLEEVE AND ONE (1) ACCESSORY | ORDER BY DESCRIPTION | ORDER BY DESCRIPTION | ORDER BY DESCRIPTION
140 | SLEEVE, DUCTILE IRON, MECHANICAL JOINT, 30", 15\(\frac{\text{¿}}{2}\) LONG PATTERN W/OUT ACCESSORIES. | ORDER BY DESCRIPTION | ORDER BY DESCRIPTION | ORDER BY DESCRIPTION
145 | SLEEVE, DUCTILE IRON, MECHANICAL JOINT, 36", 15\(\frac{\text{¿}}{2}\) LONG PATTERN EPOXY LINED, WITHOUT ACCESSORIES | ORDER BY DESCRIPTION | ORDER BY DESCRIPTION | ORDER BY DESCRIPTION
150 | SLEEVE, DUCTILE IRON, MECHANICAL JOINT, 36", 15\(\frac{\text{¿}}{2}\) LONG PATTERN W/OUT ACCESSORIES. | ORDER BY DESCRIPTION | ORDER BY DESCRIPTION | ORDER BY DESCRIPTION

**Item** | **Description** | **SIGMA** | **STAR PIPE PRODUCTS** | **TYLER PIPE**
---|---|---|---|---
304 | INSTA-VALVE, 4", COMPLETE FITTING O.D RANGE 4.60-5.00 FOR CI, DI, AC, PVC -SS SLEEVE & NOZZLE CS FLANGE -HYDRA-STOP | ORDER BY DESCRIPTION | ORDER BY DESCRIPTION | ORDER BY DESCRIPTION

HYDRA-STOP
25480250-CS
2104121000-250-CS
## PUD-FITTINGS

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<td>HYDRA-STOP</td>
<td>INSTA-VALVE, 6&quot;, COMPLETE FITTING O.D RANGE 6.70-7.10 FOR CI,DI,AC, PVC -SS SLEEVE &amp; NOZZLE CS</td>
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<td>HYDRA-STOP</td>
<td>INSTA-VALVE, 8&quot;, COMPLETE FITTING O.D RANGE 8.85-9.25 FOR CI,DI,AC, PVC -SS SLEEVE &amp; NOZZLE CS</td>
<td>308</td>
<td>192</td>
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<td>HYDRA-STOP</td>
<td>INSTA-VALVE, 10&quot;, COMPLETE FITTING O.D RANGE 10.90-11.30 FOR CI,DI,AC, PVC -SS SLEEVE &amp; NOZZLE CS</td>
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<td>HYDRA-STOP</td>
<td>INSTA-VALVE, 12&quot;, COMPLETE FITTING O.D RANGE 13.00-13.35 FOR CI,DI,AC, PVC -SS SLEEVE &amp; NOZZLE CS</td>
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### SLEEVE, TAPPING, 4" X 4", ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D. RANGE OF 4.70 - 4.90, SLEEVE TO BE FURNISHED W/ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER JEA SPECIFICATIONS.
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<td>SLEEVE, TAPPING, 4&quot; X 4&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 4.80 - 5.00, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
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<td>530</td>
<td>SLEEVE, TAPPING, 6&quot; X 4&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 6.90 - 7.10, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE, SLEEVE TO BE SUPPLIED AS PER JEA SPECIFICATIONS</td>
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<td>540</td>
<td>SLEEVE, TAPPING, 6&quot; X 6&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D. RANGE OF 6.90-7.10, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
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<td>544</td>
<td>SLEEVE, TAPPING, 6&quot; X 6&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 7.10 - 7.30, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER PER SPECIFICATIONS</td>
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<td>548</td>
<td>SLEEVE, TAPPING, 6&quot; X 6&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 7.30 - 7.50, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
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<td>SLEEVE, TAPPING, 8&quot; X 4&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 9.05 – 9.35, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER PER SPECIFICATIONS</td>
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<td>SLEEVE, TAPPING, 8&quot; X 6&quot; ALL STAINLESS STEEL W/DUCTILE IRON GLAND ON BRANCH, 6&quot; MJ GASKET, W/FULL 1/4&quot; THICK CHEK-O-SEAL W/MULTI O-RING SEALING RIBS, MIN. OD RANGE 9.05-9.45, SUPPLIED W/ALL NECESSARY HARDWARE.</td>
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#### POWERSEAL CORP.

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<td>600</td>
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<td>625</td>
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<td>650</td>
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<td>SLEEVE, TAPPING, 12&quot; X 6&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A Minimum O.D.RANGE OF 13.16-13.50, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
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<td>670</td>
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<td>680</td>
<td>SLEEVE, TAPPING, 12&quot; X 10&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A Minimum O.D.RANGE OF 13.16-13.50, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
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<td>SLEEVE, TAPPING, 16&quot; X 4&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 17.40-17.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
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CASCades: DRESSER INDUSTRIES, INC.  
MULLER: ROMAC INDUSTRIES  
FORD METER BOX COMPANY
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<tr>
<td>725</td>
<td>SLEEVE, TAPPING, 16&quot; X 6&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 17.75-18.10, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE – SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
<td></td>
</tr>
<tr>
<td>730</td>
<td>SLEEVE, TAPPING, 16&quot; X 8&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 17.40-17.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE – SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
<td>FORD</td>
</tr>
<tr>
<td>735</td>
<td>SLEEVE, TAPPING, 16&quot; X 8&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 17.75-18.10, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE – SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
<td>FTSS178008</td>
</tr>
<tr>
<td>740</td>
<td>SLEEVE, TAPPING, 16&quot; X 10&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 17.40-17.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE – SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
<td>FORD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FTSS178010</td>
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### PUD-FITTINGS

**FTGBK**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>750</td>
<td>SLEEVE, TAPPING, 16&quot; X 12&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 17.40-17.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS JCM 432-1740X</td>
</tr>
<tr>
<td>760</td>
<td>SLEEVE, TAPPING, 20&quot; X 4&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 21.40-21.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
</tr>
<tr>
<td>770</td>
<td>SLEEVE, TAPPING, 20&quot; X 6&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 21.40-21.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
</tr>
<tr>
<td>780</td>
<td>SLEEVE, TAPPING, 20&quot; X 8&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 21.40-21.80, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
</tr>
<tr>
<td>785</td>
<td>SLEEVE, TAPPING, 20&quot; X 8&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D.RANGE OF 21.90-22.30, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
</tr>
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</table>
PUD-FITTINGS

FTGBK

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>795</td>
<td>SLEEVE, TAPPING, 20&quot; X 12&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D. RANGE OF 21.90-22.30, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
</tr>
<tr>
<td>800</td>
<td>SLEEVE, TAPPING, 24&quot; X 8&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D. RANGE OF 25.60-26.00, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
</tr>
<tr>
<td>900</td>
<td>SLEEVE, TAPPING, 24&quot; X 12&quot;, ALL STAINLESS STEEL, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D. RANGE OF 25.60-26.00, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
</tr>
<tr>
<td>911</td>
<td>SLEEVE, TAPPING, 24&quot; X 12&quot;, DUCTILE IRON, FULL CIRCLE GASKET, SLEEVE MUST HAVE A MINIMUM O.D. RANGE OF 26.24 - 26.40, SLEEVE TO BE FURNISHED W/ ALL NECESSARY HARDWARE - SLEEVE TO BE SUPPLIED AS PER SPECIFICATIONS</td>
</tr>
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</table>

FTGBM

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>TEE, DUCTILE IRON, MECHANICAL JOINT, 3&quot; X 3&quot; X 3&quot;, WITHOUT ACCESSORIES.</td>
</tr>
</tbody>
</table>
PUD-FITTINGS

FTGBM

Item Description: TEE, BLACK JOINT, 2" X 1" BRASS
005 FORD METER BOX COMPANY
T441-774-NL

Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 4" X 4" X 4", WITHOUT ACCESSORIES.
010

Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 6" X 6" X 4", WITHOUT ACCESSORIES.
030

Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 6" X 6" X 6", WITHOUT ACCESSORIES.
040

Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 8" X 8 X 4", WITHOUT ACCESSORIES.
060

Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 8" X 8" X 6", WITHOUT ACCESSORIES.
070

Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 8" X 8" X 8", WITHOUT ACCESSORIES.
080

Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 10" X 10" X 4".
090
PUD-FITTINGS

FTGBM

Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 10" X 10" X 6", WITHOUT ACCESSORIES.
Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 10" X 10" X 8", WITHOUT ACCESSORIES.
Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 10" X 10" X 10", WITHOUT ACCESSORIES.
Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 12" X 12" X 6", WITHOUT ACCESSORIES.
Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 12" X 12" X 8", WITHOUT ACCESSORIES.
Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 12" X 12" X 10", WITHOUT ACCESSORIES.
Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 12" X 12" X 12", WITHOUT ACCESSORIES.
Item Description: TEE, DUCTILE IRON, MECHANICAL JOINT, 16" X 16" X 4", WITHOUT ACCESSORIES.
PUD-FITTINGS

FTGBM

Item  Description:  TEE, DUCTILE IRON, MECHANICAL JOINT, 16" X 16" X 6", WITHOUT ACCESSORIES.
       190

Item  Description:  TEE, DUCTILE IRON, MECHANICAL JOINT, 16" X 16" X 8", WITHOUT ACCESSORIES.
       200

Item  Description:  TEE, DUCTILE IRON, MECHANICAL JOINT, 16" X 16" X 10", WITHOUT ACCESSORIES.
       210

Item  Description:  TEE, DUCTILE IRON, MECHANICAL JOINT, 16" X 16" X 12", WITHOUT ACCESSORIES.
       220

Item  Description:  TEE, DUCTILE IRON, MECHANICAL JOINT, 16" X 16" X 16", WITHOUT ACCESSORIES.
       230

Item  Description:  TEE, CAST IRON, MECHANICAL JOINT, 20" X 20" X 12", WITHOUT ACCESSORIES.
       250

Item  Description:  TEE, CAST IRON, MECHANICAL JOINT, 20" X 20" X 16", WITHOUT ACCESSORIES.
       260

Item  Description:  TEE, CAST IRON, MECHANICAL JOINT, 20" X 20" X 20", WITHOUT ACCESSORIES.
       270
**PUD-Fittings**

**FTGBM**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>280</td>
<td>TEE, CAST IRON, MECHANICAL JOINT, 24&quot; X 24&quot; X 24&quot;, WITHOUT ACCESSORIES.</td>
</tr>
<tr>
<td>290</td>
<td>TEE, CAST IRON, MECHANICAL JOINT, 30&quot; X 30&quot; X 8&quot;, WITHOUT ACCESSORIES.</td>
</tr>
<tr>
<td>310</td>
<td>TEE, DUCTILE IRON, MECHANICAL JOINT, 36&quot; X 36&quot; X 36&quot;, EPOXY LINED, WITH ACCESSORIES, UNION, TYLER **</td>
</tr>
<tr>
<td>530</td>
<td>TEE, DUCTILE IRON, 3&quot; X 3&quot; X 3&quot;, FLANGED</td>
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<tr>
<td></td>
<td><strong>STAR PIPE PRODUCTS</strong></td>
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<tr>
<td></td>
<td>ORDER BY DESCRIPTION</td>
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<tr>
<td>535</td>
<td>TEE, DUCTILE IRON, 4&quot; X 4&quot; X 4&quot;, FLANGED</td>
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<tr>
<td></td>
<td><strong>STAR PIPE PRODUCTS</strong></td>
</tr>
<tr>
<td></td>
<td>ORDER BY DESCRIPTION</td>
</tr>
<tr>
<td>540</td>
<td>TEE, DUCTILE IRON, 6&quot; X 6&quot; X 6&quot;, FLANGED</td>
</tr>
<tr>
<td>545</td>
<td>TEE, DUCTILE IRON, 8&quot; X 8&quot; X 8&quot;, FLANGED</td>
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### PUD-FITTINGS

**FTGBM**

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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>550</td>
<td>TEE, DUCTILE IRON, 10&quot; X 10&quot; X 10&quot;, FLANGED</td>
</tr>
<tr>
<td>600</td>
<td>TEE, DUCTILE IRON, MECHANICAL JOINT, 4&quot; X 4&quot; X 4&quot;, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES</td>
</tr>
<tr>
<td>605</td>
<td>DUCTILE IRON, MECHANICAL JOINT, 6&quot; X 6&quot; X 6&quot;, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES TEE,</td>
</tr>
<tr>
<td>610</td>
<td>DUCTILE IRON, MECHANICAL JOINT, 8&quot; X 8&quot; X 8&quot;, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES TEE</td>
</tr>
<tr>
<td>615</td>
<td>DUCTILE IRON, MECHANICAL JOINT, 10&quot; X 10&quot; X 10&quot;, 40-MIL EPOXYLINED, WITHOUT</td>
</tr>
<tr>
<td>620</td>
<td>TEE, DUCTILE IRON, MECHANICAL JOINT, 12&quot; X 12&quot; X 12&quot;, 40-MIL EPOXYLINED, WITHOUT ACCESSORIES</td>
</tr>
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</table>

**FTGBQ**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>GASKET, SEWER SADDLE, 4.20 - 4.80, UNIVERSAL GASKET FOR ROMAC STYLE CB SEWER SADDLE, OR EQUAL.</td>
</tr>
</tbody>
</table>

**FORD**

FSS-GASKET-4-S

**ROMAC INDUSTRIES**

CB-4.20-4.63
## PUD-FITTINGS

### FTGBQ

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>FORD</th>
<th>ROMAC INDUSTRIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>GASKET, SEWER SADDLE 6.30-6.66 UNIVERSAL GASKET FOR ROMAC STYLE CB SEWER SADDLE (GASKET FOR USE WITH A SDR 35 LATERAL), OR EQUAL.</td>
<td>FSS-GASKET-6-S</td>
<td>CB-6.30-6.66</td>
</tr>
<tr>
<td>300</td>
<td>CASTING SADDLE (BODY) FOR ROMAC SEWER SADDLE- BODY ONLY</td>
<td>FSS-SADDLE-4</td>
<td>CB-4.63</td>
</tr>
<tr>
<td>500</td>
<td>CASTING SADDLE (BODY) - BODY ONLY</td>
<td>FSS-SADDLE-6</td>
<td>CB-6.66-6.90</td>
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<tr>
<td>800</td>
<td>STRAP, SEWER SADDLE, 48&quot;, FOR SEWER SADDLE</td>
<td>FSS-BAND-1440</td>
<td>CB-S48</td>
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<tr>
<td>900</td>
<td>STRAP, SEWER SADDLE, 96&quot;, FOR SEWER SADDLE</td>
<td>FSS-BAND-2580</td>
<td>CB-S96</td>
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### FTGBU

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<tr>
<th>Item</th>
<th>Description</th>
<th>FORD</th>
<th>ROMAC INDUSTRIES</th>
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</thead>
<tbody>
<tr>
<td>110</td>
<td>ADAPTER,NO LEAD COUPLING, 2&quot;, CORPORATION STOP, 1/8 BEND, (#LA14-87), 2-1/2&quot; FEMALE IRON PIPE THREAD ON ONE END, 2&quot; COMPRESSION FITTING FOR CTS POLYETHYLENE ON THE OTHER END. (2&quot; OLD STYLE)</td>
<td>LA14-87</td>
<td></td>
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### PUD-FITTINGS

#### FTGBU

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>310</td>
<td>NO LEAD COUPLING, ADAPTER - 3/4&quot;, CORPORATION STOP, OLD STYLE, 1/8 BEND, WIPED LEAD FEMALE THREAD (WITH SEAT) X CTS COMPRESSION. FORD OR EQUAL</td>
</tr>
<tr>
<td>320</td>
<td>NO LEAD COUPLING, ADAPTER - 1&quot;, CORPORATION STOP OLD STYLE, 1/8 BEND, (#LA104-44G), WIPED LEAD FEMALE THREAD (WITH SEAT) X CTS COMPRESSION.</td>
</tr>
<tr>
<td>390</td>
<td>NO LEAD COUPLING, ADAPTER - STRAIGHT, 1/2&quot; INTERNAL COUPLING THREAD X 3/4&quot; COPPER TUBE NUT. COUPLING THREAD TO HAVE SEAT (INCLUDES GASKET).</td>
</tr>
<tr>
<td>400</td>
<td>NO LEAD COUPLING, ADAPTER, CORPORATION STOP, 3/4&quot;, (#C104-33G) OLD STYLE, STRAIGHT, WIPED LEAD FEMALE THREAD (WITH SEAT) X CTS COMPRESSION.</td>
</tr>
<tr>
<td>410</td>
<td>NO LEAD COUPLING, ADAPTER 1&quot;, STRAIGHT, FEMALE IRON PIPE THREAD (#C14-44G) X CTS COMPRESSION. FORD, OR EQUAL.</td>
</tr>
<tr>
<td>420</td>
<td>NO LEAD COUPLING, ADAPTER 1-1/2&quot;, STRAIGHT FEMALE IRON PIPE THREAD X CTS COMPRESSION.</td>
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FORD

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>LA104-33G</td>
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<tr>
<td>LA104-44G-NL</td>
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<tr>
<td>C102-13-NL</td>
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<tr>
<td>C104-33-G-NL</td>
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<tr>
<td>C14-44G</td>
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<tr>
<td>C14-66G</td>
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</table>
PUD-FITTINGS

FTGBW

Item | Description: NO LEAD COUPLING, CORPORATION STOP, 1", 1/8 BEND INLET: FEMALE COPPER TUBE NUT THREAD, OUTLET: COPPER TUBE NUT.

<table>
<thead>
<tr>
<th>FORD</th>
<th>MUeller</th>
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<tbody>
<tr>
<td>LA21-44</td>
<td>15063N</td>
</tr>
</tbody>
</table>

FTGBY

Item | Description: COUPLING, BOLTED - 1/2", FOR GALVANIZED PIPE (.840OD), STEEL CONSTRUCTION, BOLT SIZE = 7/16" DIAMETER X 6-5/8" LENGTH, SLEEVE LENGTH 3 1/2", 1500 PSI MINIMUM WORKING PRESSURE.

<table>
<thead>
<tr>
<th>DRESSER INDUSTRIES, INC.</th>
<th>SMITH BLAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>38 W/ARMORED GASKET</td>
<td>411-00008401-015</td>
</tr>
</tbody>
</table>

Item | Description: COUPLING, BOLTED - 3/4", FOR GALVANIZED PIPE (1.050 OD), STEEL CONSTRUCTION, BOLT SIZE =7/16" DIAMETER X 6-5/8" LENGTH COUPLING LENGTH 4-1/2", 1500 PSI MINIMUM WORKING PRESSURE, DRESSER STYLE 38 W/ ARMORED GASKET

<table>
<thead>
<tr>
<th>DRESSER INDUSTRIES</th>
<th>SMITH BLAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>0038-0003-013</td>
<td>411-00010501-015</td>
</tr>
</tbody>
</table>

Item | Description: COUPLING, BOLTED - 1", FOR GALVANIZED PIPE (1.315 OD), STEEL CONSTRUCTION, BOLT SIZE = 1/2" DIAMETER X 7" LENGTH, COUPLING 5", 1500 PSI MIN. WORKING PRESSURE. (STYLE 38 W/ARMORED GASKET)

<table>
<thead>
<tr>
<th>DRESSER INDUSTRIES, INC.</th>
<th>SMITH BLAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>0038-0004-013</td>
<td>411-00013201-015</td>
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</table>

Item | Description: COUPLING, BOLTED - 1-1/4", FOR GALVANIZED PIPE (1.66 OD), STEEL CONSTRUCTION, BOLT SIZE = 1/2" DIAMETER X 7" LENGTH, COUPLING LENGTH 5", 1500 PSI MINIMUM WORKING PRESSURE

<table>
<thead>
<tr>
<th>DRESSER INDUSTRIES, INC.</th>
<th>SMITH BLAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>38 W/ARMORED GASKET</td>
<td>411-00016601-015</td>
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### PUD-FITTINGS

#### FTGBY

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Supplier 1</th>
<th>Supplier 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>050</td>
<td>COUPLING, BOLTED - 1-1/2&quot;, FOR GALVANIZED PIPE (1.90 OD), STEEL CONSTRUCTION, BOLT SIZE = 1/2&quot; DIAMETER X 7&quot; LENGTH, COUPLING LENGTH 5&quot;, 1500 PSI MINIMUM WORKING PRESSURE</td>
<td>DRESSER INDUSTRIES, INC.</td>
<td>SMITH BLAIR</td>
</tr>
<tr>
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<td></td>
<td>38 W/ARMORED GASKET</td>
<td>411-00019001-015.</td>
</tr>
<tr>
<td>060</td>
<td>COUPLING, BOLTED - 2&quot;, FOR GALVANIZED PIPE (2.375 OD), STEEL CONSTRUCTION, BOLT SIZE = 5/8&quot; DIAMETER X 8&quot; LENGTH, COUPLING LENGTH 5&quot;, 1500 PSI MINIMUM WORKING PRESSURE, 2 BOLTS</td>
<td>DRESSER INDUSTRIES, INC.</td>
<td>SMITH BLAIR</td>
</tr>
<tr>
<td>070</td>
<td>COUPLING, BOLTED - 2-1/2&quot;, FOR GALVANIZED PIPE (2.875 OD), STEEL CONSTRUCTION, BOLT SIZE = 5/8&quot; DIAMETER X 8&quot; LENGTH, COUPLING LENGTH 5&quot;, 1500 PSI MINIMUM WORKING PRESSURE, 3 BOLTS</td>
<td>DRESSER INDUSTRIES, INC.</td>
<td>SMITH BLAIR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>38 W/ARMORED GASKET</td>
<td>411-00028801-015.</td>
</tr>
<tr>
<td>080</td>
<td>COUPLING, BOLTED - 3&quot;, FOR GALVANIZED PIPE (3.50 OD), STEEL CONSTRUCTION, BOLT SIZE = 5/8&quot; DIAMETER X 6&quot; LENGTH, COUPLING LENGTH 5&quot;, 1100 PSI MINIMUM WORKING PRESSURE, 4 BOLTS</td>
<td>DRESSER INDUSTRIES, INC.</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>0038-9187-013</td>
<td></td>
</tr>
<tr>
<td>210</td>
<td>COUPLING BOLTLESS 1/2&quot; GALVANIZED, LONG.</td>
<td>DRESSER INDUSTRIES, INC.</td>
<td>TPS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STYLE 65 W/ARMORED GASKET</td>
<td>6000-0840-150</td>
</tr>
<tr>
<td>220</td>
<td>COUPLING BOLTLESS 3/4&quot; GALVANIZED, LONG. DRESSER STYLE 65 W/ ARMORED GASKET</td>
<td>DRESSER INDUSTRIES, INC.</td>
<td>TPS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STYLE 65 W/ARMORED GASKET</td>
<td>6000-1050-150</td>
</tr>
<tr>
<td>230</td>
<td>COUPLING BOLTLESS 1&quot; GALVANIZED, LONG. DRESSER STYLE 65 W/ ARMORED GASKET</td>
<td>DRESSER INDUSTRIES, INC.</td>
<td>TPS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STYLE 65 W/ARMORED GASKET</td>
<td>6000-1315-150</td>
</tr>
</tbody>
</table>
## FTGBY

### Item 240
**Description:** COUPLING BOLTLESS 1-1/4" GALVANIZED, LONG.
**Dresser Industries, Inc.**
**Style:** 65 W/ARMORED GASKET
**Part Number:** 6000-1600-150

### Item 250
**Description:** COUPLING BOLTLESS 1-1/2" GALVANIZED, LONG
**Dresser Industries, Inc.**
**Style:** 65 W/ARMORED GASKET
**Part Number:** 6000-19000-150

### Item 260
**Description:** COUPLING BOLTLESS 2" GALVANIZED, LONG.
**Dresser Industries, Inc.**
**Style:** 65 W/ARMORED GASKET
**Part Number:** 6000-2375-150

### Item 390
**Description:** NO LEAD COUPLING, STRAIGHT - 1/2" FEMALE IRON PIPE THREAD X COPPER TUBE NUT.
**Ford**
**Style:** C21-31

### Item 410
**Description:** NO LEAD COUPLING, STRAIGHT BRONZE - 1" COPPER FLARE NUT ONE END, 1" FEMALE IRON PIPE THREAD OTHER END.
**Ford**
**Style:** C21-44
**Mueller**
**Style:** H-15450N

### Item 610
**Description:** NO LEAD COUPLING, STRAIGHT BRONZE - 1" COPPER FLARE NUT ONE END 1" MALE IRON PIPE THREAD OTHER END.
**Ford**
**Style:** C28-44
**Mueller**
**Style:** H-15425

## FTGCA

### Item 050
**Description:** INACTIVE - COUPLING, FLEXIBLE - 4" X 4", CLAY/CLAY.
**Fernco**
**Style:** 1001-44
## PUD-FITTINGS

**FTGCA**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>060</td>
<td>COUPLING, FLEXIBLE - 4&quot; X 4&quot;, CLAY/PVC.</td>
<td>1002-44</td>
</tr>
<tr>
<td>070</td>
<td>COUPLING, FLEXIBLE, 4&quot; X 4&quot;, PVC/PVC.</td>
<td>1056-44</td>
</tr>
<tr>
<td>080</td>
<td>COUPLING, FLEXIBLE - 6&quot; X 4&quot;, CLAY/CLAY.</td>
<td>1001-64</td>
</tr>
<tr>
<td>090</td>
<td>COUPLING, FLEXIBLE - 6&quot; X 4&quot;, CLAY/PVC.</td>
<td>1002-64</td>
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<tr>
<td>100</td>
<td>COUPLING, FLEXIBLE - 6&quot; X 4&quot;, PVC/CLAY</td>
<td>1002-46</td>
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<tr>
<td>110</td>
<td>COUPLING, FLEXIBLE - 6&quot; X 4&quot;, PVC/PVC.</td>
<td>1056-64</td>
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<tr>
<td>120</td>
<td>COUPLING, FLEXIBLE - 6&quot; X 6&quot;, CLAY/CLAY.</td>
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<tr>
<td>130</td>
<td>COUPLING, FLEXIBLE - 6&quot; X 6&quot;, CLAY/PVC.</td>
<td>1002-66</td>
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<tr>
<td>Item</td>
<td>Description</td>
<td>Supplier</td>
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<tr>
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<tr>
<td>140</td>
<td>COUPLING, FLEXIBLE - 6&quot; X 6&quot;, PVC/PVC.</td>
<td>FERNCO</td>
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<tr>
<td>155</td>
<td>COUPLING, FLEXIBLE - 8&quot; X 6&quot;, CLAY/PVC.</td>
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</tr>
<tr>
<td>160</td>
<td>COUPLING, FLEXIBLE - 8&quot; X 6&quot;, PVC/PVC.</td>
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<tr>
<td>170</td>
<td>INACTIVE - COUPLING, FLEXIBLE - 8&quot; X 8&quot;, CLAY/CLAY.</td>
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<tr>
<td>180</td>
<td>COUPLING, FLEXIBLE - 8&quot; X 8&quot;, CLAY/PVC.</td>
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<tr>
<td>190</td>
<td>COUPLING, FLEXIBLE - 8&quot; X 8&quot;, PVC/PVC.</td>
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<tr>
<td>210</td>
<td>COUPLING, FLEXIBLE - 10&quot; X 10&quot;, CLAY/PVC</td>
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<tr>
<td>220</td>
<td>COUPLING, FLEXIBLE - 10&quot; X 10&quot;, PVC/PVC.</td>
<td>FERNCO</td>
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### PUD-FITTINGS

#### FTGCA

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<tr>
<td>230</td>
<td>INACTIVE - COUPLING, FLEXIBLE - 12&quot; X 12&quot;, CLAY/CLAY</td>
<td>FERNCO</td>
<td>1001-1212</td>
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<tr>
<td>240</td>
<td>COUPLING, FLEXIBLE - 12&quot; X 12&quot;, CLAY/PVC</td>
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<td>1002-1212</td>
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<tr>
<td>250</td>
<td>COUPLING, FLEXIBLE - 12&quot; X 12&quot;, PVC/PVC</td>
<td>FERNCO</td>
<td>1056-1212</td>
</tr>
<tr>
<td>270</td>
<td>COUPLING, FLEXIBLE - 15&quot; X 15&quot;, CLAY/PVC</td>
<td>FERNCO</td>
<td>1002-1515</td>
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<tr>
<td>280</td>
<td>COUPLING, FLEXIBLE - 15&quot; X 15&quot;, PVC/PVC</td>
<td>FERNCO</td>
<td>1056-1515</td>
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<tr>
<td>290</td>
<td>COUPLING, FLEXIBLE - 18&quot; X 18&quot;, CLAY/CLAY</td>
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<td>1001-1818</td>
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<tr>
<td>300</td>
<td>COUPLING, FLEXIBLE - 21&quot; X 21&quot;, CLAY/CLAY</td>
<td>FERNCO</td>
<td>1001-2121</td>
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<tr>
<td>310</td>
<td>COUPLING, FLEXIBLE - 24&quot; X 24&quot;, CLAY/CLAY **</td>
<td>FERNCO</td>
<td>1001-2424</td>
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(OUTSIDE DIAMETER SIZE 24.85)

(OUTSIDE DIAMETER SIZE 29.40)
PUD-FITTINGS

FTGCA

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<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>410</td>
<td>SADDLE TEE, DFW 6&quot;, WITH CLAMPS, SADDLE DESIGN TO ACCOMMODATE 6&quot; - 12&quot; POLYETHYLENE PIPE USED IN SLIP LINING SEWER SYSTEMS, INLET RANGE FROM SCH-40 DOWN TO SDR-26, COLOR BLACK</td>
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FTGCE

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>030</td>
<td>BUSHING, PIPE - GALVANIZED, 1/2&quot; MIPT X 1/4&quot; FIPT.</td>
<td></td>
</tr>
<tr>
<td>040</td>
<td>BUSHING, PIPE - GALVANIZED, 1/2&quot; MIPT X 3/8&quot; FIPT.</td>
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</tr>
<tr>
<td>050</td>
<td>BUSHING, PIPE - GALVANIZED, 3/4&quot; MIPT X 1/2&quot; FIPT.</td>
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</tr>
<tr>
<td>070</td>
<td>BUSHING, PIPE - GALVANIZED, 1&quot; MIPT X 1/4&quot; FIPT.</td>
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<tr>
<td>080</td>
<td>BUSHING, PIPE - GALVANIZED, 1&quot; MIPT X 1/2&quot; FIPT.</td>
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</tr>
<tr>
<td>110</td>
<td>BUSHING, PIPE - GALVANIZED, 1-1/4&quot; MITP X 3/4&quot; FIPT.</td>
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### PUD-FITTINGS

**FTGCE**

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>120</td>
<td>BUSHING, PIPE - GALVANIZED, 1-1/4&quot; MIPT X 1&quot; FIPT.</td>
</tr>
<tr>
<td>140</td>
<td>BUSHING, PIPE - GALVANIZED, 1-1/2&quot; MIPT X 3/4&quot; FIPT.</td>
</tr>
<tr>
<td>150</td>
<td>BUSHING, PIPE - GALVANIZED, 1-1/2&quot; MIPT X 1&quot; FIPT.</td>
</tr>
<tr>
<td>155</td>
<td>BUSHING, PIPE - GALVANIZED, 1-1/2&quot; MIPT X 1-1/4&quot; FIPT.</td>
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<tr>
<td>165</td>
<td>BUSHING, PIPE - GALVANIZED, 2&quot; MIPT X 3/4&quot; FIPT.</td>
</tr>
<tr>
<td>170</td>
<td>BUSHING, PIPE - GALVANIZED, 2&quot; MIPT X 1&quot; FIPT.</td>
</tr>
<tr>
<td>180</td>
<td>BUSHING, PIPE - GALVANIZED, 2&quot; MIPT X 1-1/4&quot; FIPT.</td>
</tr>
<tr>
<td>190</td>
<td>BUSHING, PIPE - GALVANIZED, 2&quot; MIPT X 1-1/2&quot; FIPT.</td>
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### PUD-FITTINGS

#### FTGCE

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<tbody>
<tr>
<td>220</td>
<td>BUSHING, PIPE - GALVANIZED, 2-1/2&quot; MIPT X 1-1/2&quot; FIPT.</td>
</tr>
<tr>
<td>230</td>
<td>BUSHING, PIPE - GALVANIZED, 2-1/2&quot; MIPT X 2&quot; FIPT.</td>
</tr>
<tr>
<td>250</td>
<td>BUSHING, PIPE - GALVANIZED, 3&quot; MIPT X 1-1/4&quot; FIPT.</td>
</tr>
<tr>
<td>270</td>
<td>BUSHING, PIPE - GALVANIZED, 3&quot; MIPT X 2&quot; FIPT.</td>
</tr>
<tr>
<td>340</td>
<td>INACTIVE - BUSHING, PIPE - GALVANIZED, 4&quot; MIPT X 3&quot; FIPT.</td>
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#### FTGCF

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<tr>
<th>Item</th>
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<tr>
<td>030</td>
<td>INACTIVE - CAP, PIPE - GALVANIZED, 3/4&quot; FIPT.</td>
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<tr>
<td>040</td>
<td>CAP, PIPE - GALVANIZED, 1&quot; FIPT.</td>
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### FTGCF

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<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>050</td>
<td>INACTIVE - CAP, PIPE - GALVANIZED, 1-1/4&quot; FIPT.</td>
</tr>
<tr>
<td>060</td>
<td>CAP, PIPE - GALVANIZED, 1-1/2&quot; FIPT.</td>
</tr>
<tr>
<td>070</td>
<td>CAP, PIPE - GALVANIZED, 2&quot; FIPT.</td>
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### FTGCH

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>020</td>
<td>COUPLING, PIPE - GALVANIZED, 1/4&quot; FIPT X 1/4&quot; FIPT.</td>
</tr>
<tr>
<td>040</td>
<td>COUPLING, PIPE - GALVANIZED, 1/2&quot; FIPT X 1/2&quot; FIPT.</td>
</tr>
<tr>
<td>050</td>
<td>COUPLING, PIPE - GALVANIZED, 3/4&quot; FIPT X 3/4&quot; FIPT.</td>
</tr>
<tr>
<td>060</td>
<td>COUPLING, PIPE - GALVANIZED, 1&quot; FIPT X 1&quot; FIPT.</td>
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# PUD-FITTINGS

## FTGCH

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>065</td>
<td>COUPLING, PIPE - NO-LEAD BRASS 1&quot; FIPT x 1&quot; FIPT</td>
<td>OBD</td>
</tr>
<tr>
<td>070</td>
<td>COUPLING, PIPE - GALVANIZED, 1-1/4&quot; FIPT x 1-1/4&quot; FIPT</td>
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<tr>
<td>075</td>
<td>COUPLING, PIPE - NO-LEAD BRASS, 1-1/4&quot; FIPT x 1-1/4&quot; FIPT</td>
<td>OBD</td>
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<tr>
<td>080</td>
<td>COUPLING, PIPE - GALVANIZED, 1-1/2&quot; FIPT x 1-1/2&quot; FIPT</td>
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<tr>
<td>085</td>
<td>COUPLING, PIPE - NO-LEAD BRASS, 1-1/2&quot; FIPT x 1-1/2&quot; FIPT</td>
<td>OBD</td>
</tr>
<tr>
<td>090</td>
<td>COUPLING, PIPE - GALVANIZED, 2&quot; FIPT x 2&quot; FIPT. MUST BE SMOOTH OUTSIDE, NO RIDGES.</td>
<td></td>
</tr>
<tr>
<td>095</td>
<td>COUPLING, PIPE - STAINLESS 316 GRADE, 2&quot; FIPT x 2&quot; FIPT</td>
<td>OBD</td>
</tr>
<tr>
<td>100</td>
<td>COUPLING, PIPE - GALVANIZED, 2-1/2&quot; FIPT x 2-1/2&quot; FIPT.</td>
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</table>
PUD-FITTINGS

FTGCH

Item Description: COUPLING, PIPE - GALVANIZED, 3" FIPT X 3" FIPT  
Item  

110

Item Description: COUPLING, PIPE - GALVANIZED, 4" FIPT X 4" FIPT.  
Item  

130

Item Description: COUPLING, DRIVING - 2", GALVANIZED, FULLY THREADED FOR DRIVING GALVINIZED PIPE. BOTH ENDS TO BE THREADED FIPT, WATERWELL REAMED AND DRIFTED COUPLING, AS SUPPLIED BY CAPITAL OR APPROVED EQUAL.  
Item  

500

Item Description: COUPLING, 2", PIPE - 304 STAINLESS STEEL, FIPT X FIPT. ** NO SUBSTITUTE **  
Item  

920

FTGCL

Item Description: INACTIVE - ELL, PIPE - GALVANIZED, 1/4" FIPT BOTH ENDS. 45 DEGREE.  
Item  

020

Item Description: ELL, PIPE - GALVANIZED, 1/2" FIPT BOTH ENDS. 45 DEGREE.  
Item  

030

Item Description: ELL, PIPE - GALVANIZED, 3/4" FIPT BOTH ENDS. 45 DEGREE.  
Item  

040
## PUD-FITTINGS

### FTGCL

<table>
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<tr>
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<tr>
<td>050</td>
<td>ELL, PIPE - GALVANIZED, 1&quot; FIPT BOTH ENDS. 45 DEGREE.</td>
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<tr>
<td>060</td>
<td>ELL, PIPE - GALVANIZED, 1-1/4&quot; FIPT BOTH ENDS. 45 DEGREE.</td>
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<tr>
<td>070</td>
<td>ELL, PIPE - GALVANIZED, 1-1/2&quot; FIPT BOTH ENDS. 45 DEGREE.</td>
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<tr>
<td>080</td>
<td>ELL, PIPE - GALVANIZED, 2&quot; FIPT BOTH ENDS. 45 DEGREE.</td>
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<tr>
<td>230</td>
<td>ELL, PIPE - GALVANIZED, 1/2&quot; FIPT BOTH ENDS. 90 DEGREE.</td>
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<td>240</td>
<td>ELL, PIPE - GALVANIZED, 3/4&quot; FIPT BOTH ENDS. 90 DEGREE.</td>
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<tr>
<td>250</td>
<td>ELL, PIPE - GALVANIZED, 1&quot; FIPT BOTH ENDS. 90 DEGREE</td>
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<tr>
<td>255</td>
<td>ELL, PIPE - NO-LEAD BRASS, 1&quot; FIPT BOTH ENDS, 90 DEGREES</td>
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ORDER BY DESCRIPTION
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>260</td>
<td>ELL, PIPE - GALVANIZED, 1-1/4&quot; FIPT BOTH ENDS. 90 DEGREE.</td>
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<tr>
<td>265</td>
<td>ELL, PIPE - NO-LEAD BRASS, 1/1/4: FIPT BOTH ENDS, 90 DEGREES</td>
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<tr>
<td>270</td>
<td>ELL, PIPE - GALVANIZED, 1-1/2&quot; FIPT BOTH ENDS. 90 DEGREE.</td>
</tr>
<tr>
<td>280</td>
<td>ELL, PIPE - GALVANIZED, 2&quot; FIPT BOTH ENDS. 90 DEGREE.</td>
</tr>
<tr>
<td>290</td>
<td>INACTIVE - ELL, PIPE - GALVANIZED, 2-1/2&quot; FIPT BOTH ENDS. 90 DEGREE.</td>
</tr>
<tr>
<td>300</td>
<td>ELL, PIPE - GALVANIZED, 3&quot; FIPT BOTH ENDS. 90 DEGREE.</td>
</tr>
<tr>
<td>415</td>
<td>INACTIVE - ELL, PIPE - STREET, GALVANIZED, 1/2&quot; FIPT X 1/2&quot; MIPT. 90 DEGREE.</td>
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<td>425</td>
<td>ELL, PIPE - STREET, GALVANIZED, 3/4&quot; FIPT X 3/4&quot; MIPT. 90 DEGREE.</td>
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**PUD-FITTINGS**

**FTGCL**

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>430</td>
<td>ELL, PIPE - STREET, GALVANIZED, 1&quot; FIPT x 1&quot; MIPT. 90 DEGREE.</td>
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<tr>
<td>435</td>
<td>ELL, PIPE - STREET, NO-LEAD BRASS, 1&quot; FIPT x 1&quot; MIPT 90 DEGREE</td>
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<tr>
<td>440</td>
<td>ELL, PIPE - STREET, GALVANIZED, 1-1/4&quot; FIPT x 1-1/4&quot; MIPT. 90 DEGREE.</td>
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<tr>
<td>445</td>
<td>ELL, PIPE - STREET, NO-LEAD BRASS, 1-1/4&quot; FIPT x 1-1/4&quot; MIPT, 90 DEGREES</td>
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<tr>
<td>450</td>
<td>ELL, PIPE - STREET, GALVANIZED, 1-1/2&quot; FIPT 1-1/2&quot; MIPT. 90 DEGREE.</td>
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<tr>
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<td>ELL, PIPE - STREET, NO-LEAD BRASS, 1/1/2&quot; FIPT x 1/1/2&quot; MIPT, 90 DEGREES</td>
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<tr>
<td>460</td>
<td>ELL, PIPE - STREET, GALVANIZED, 2&quot; FIPT x 2&quot; MIPT. 90 DEGREE.</td>
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<tr>
<td>465</td>
<td>ELL, PIPE - STREET, NO-LEAD BRASS, 2&quot; FIPT x 2&quot; MIPT 90 DEGREES</td>
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*ORDER BY DESCRIPTION*

OBD
PUD-FITTINGS

FTGCL

Item  Description:  ELL, 2", 90 DEGREE, PIPE - 304 STAINLESS STEEL, FIPT BOTH ENDS. ** NO SUBSTITUTE **
920

FTGCN

Item  Description:  NIPPLE, PIPE - GALVANIZED, 1/4" X CLOSE MIPT BOTH ENDS.
060

Item  Description:  NIPPLE, PIPE - GALVANIZED, 1/4" X 4" MIPT BOTH ENDS.
070

Item  Description:  INACTIVE - NIPPLE, PIPE - GALVANIZED, 1/4" X 5" MIPT BOTH ENDS
080

Item  Description:  NIPPLE, PIPE - GALVANIZED, 1/2" X 4" MIPT BOTH ENDS.
240

Item  Description:  NIPPLE, PIPE - GALVANIZED, 1/2" X 6" MIPT BOTH ENDS.
260

Item  Description:  INACTIVE - NIPPLE, PIPE - GALVANIZED, 3/4" X CLOSE. MIPT BOTH ENDS.
300
# PUD-FITTINGS

**FTGCN**

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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>310</td>
<td>NIPPLE, PIPE - GALVANIZED, 3/4&quot; X 2&quot; MIPT BOTH ENDS.</td>
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<tr>
<td>320</td>
<td>INACTIVE - NIPPLE, PIPE - GALVANIZED, 3/4&quot; X 2-1/2&quot; MIPT BOTH ENDS.</td>
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<tr>
<td>330</td>
<td>NIPPLE, PIPE - GALVANIZED, 3/4&quot; X 3&quot; MIPT BOTH ENDS.</td>
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<tr>
<td>340</td>
<td>NIPPLE, PIPE - GALVANIZED, 3/4&quot; X 4&quot; MIPT BOTH ENDS.</td>
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<tr>
<td>350</td>
<td>NIPPLE, PIPE - GALVANIZED, 3/4&quot; X 5&quot; MIPT BOTH ENDS.</td>
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<tr>
<td>360</td>
<td>NIPPLE, PIPE - GALVANIZED, 3/4&quot; X 6&quot; MIPT BOTH ENDS.</td>
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<tr>
<td>370</td>
<td>NIPPLE, PIPE - GALVANIZED, 3/4&quot; X 8&quot; MIPT BOTH ENDS.</td>
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<tr>
<td>380</td>
<td>NIPPLE, PIPE - GALVANIZED, 3/4&quot; X 10&quot; MIPT BOTH ENDS.</td>
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</table>
PUD-FITTINGS

FTGCN

Item  Description: NIPPLE, PIPE - GALVANIZED, 3/4" X 12" MIPT BOTH ENDS.
   390

Item  Description: NIPPLE, PIPE - GALVANIZED, 1" X 2" MIPT BOTH ENDS.
   410

Item  Description: NIPPLE, PIPE - GALVANIZED, 1" X 3" MIPT BOTH ENDS.
   420

Item  Description: NIPPLE, PIPE - GALVANIZED, 1" X 4" MIPT BOTH ENDS.
   430

Item  Description: NIPPLE, PIPE - GALVANIZED, 1" X 5" MIPT BOTH ENDS.
   440

Item  Description: NIPPLE, PIPE - GALVANIZED, 1" X 6" MIPT BOTH ENDS.
   450

Item  Description: NIPPLE, PIPE - GALVANIZED, 1" X 8" MIPT BOTH ENDS.
   460

Item  Description: NIPPLE, PIPE - GALVANIZED, 1" X 10" MIPT BOTH ENDS.
   470
PUD-FITTINGS

FTGCN

Item Description: NIPPLE, PIPE - GALVANIZED, 1" X 12" MIPT BOTH ENDS.
480

Item Description: NIPPLE, PIPE - GALVANIZED, 1-1/4" X CLOSE MIPT BOTH ENDS.
490

Item Description: NIPPLE, PIPE - GALVANIZED, 1-1/4" X 3" MIPT BOTH ENDS.
500

Item Description: NIPPLE, PIPE - GALVANIZED, 1-1/4" X 4" MIPT BOTH ENDS.
510

Item Description: NIPPLE, PIPE - GALVANIZED, 1-1/4" X 5" MIPT BOTH ENDS.
520

Item Description: NIPPLE, PIPE - GALVANIZED, 1-1/4" X 6" MIPT BOTH ENDS.
530

Item Description: NIPPLE, PIPE - GALVANIZED, 1-1/4" X 8" MIPT BOTH ENDS.
540

Item Description: NIPPLE, PIPE - GALVANIZED, 1-1/4" X 10" MIPT BOTH ENDS.
550
### PUD-FITTINGS

#### FTGCN

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>560</td>
<td><strong>NIPPLE, PIPE - GALVANIZED, 1-1/4&quot; X 12&quot; MIPT BOTH ENDS.</strong></td>
</tr>
<tr>
<td>570</td>
<td><strong>NIPPLE, PIPE - GALVANIZED, 1-1/2&quot; X CLOSE MIPT BOTH ENDS.</strong></td>
</tr>
<tr>
<td>580</td>
<td><strong>NIPPLE, PIPE - GALVANIZED, 1-1/2&quot; X 3&quot; MIPT BOTH ENDS.</strong></td>
</tr>
<tr>
<td>590</td>
<td><strong>NIPPLE, PIPE - GALVANIZED, 1-1/2&quot; X 4&quot; MIPT BOTH ENDS.</strong></td>
</tr>
<tr>
<td>600</td>
<td><strong>NIPPLE, PIPE - GALVANIZED, 1-1/2&quot; X 5&quot; MIPT BOTH ENDS.</strong></td>
</tr>
<tr>
<td>610</td>
<td><strong>NIPPLE, PIPE - GALVANIZED, 1-1/2&quot; X 6&quot; MIPT BOTH ENDS.</strong></td>
</tr>
<tr>
<td>620</td>
<td><strong>NIPPLE, PIPE - GALVANIZED, 1-1/2&quot; X 8&quot; MIPT BOTH ENDS.</strong></td>
</tr>
<tr>
<td>630</td>
<td><strong>NIPPLE, PIPE - GALVANIZED, 1-1/2&quot; X 10&quot; MIPT BOTH ENDS.</strong></td>
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### PUD-FITTINGS

#### FTGCN

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<th>Item</th>
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<tr>
<td>640</td>
<td>NIPPLE, PIPE - GALVANIZED, 1-1/2&quot; X 12&quot; MIPT BOTH ENDS.</td>
<td></td>
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<tr>
<td>650</td>
<td>NIPPLE, PIPE - GALVANIZED, 2&quot; X CLOSE MIPT BOTH ENDS.</td>
<td></td>
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<tr>
<td>660</td>
<td>NIPPLE, PIPE - GALVANIZED, 2&quot; X 3&quot; MIPT BOTH ENDS.</td>
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<tr>
<td>670</td>
<td>NIPPLE, PIPE - GALVANIZED, 2&quot; X 4&quot; MIPT BOTH ENDS.</td>
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<tr>
<td>680</td>
<td>NIPPLE, PIPE - GALVANIZED, 2&quot; X 5&quot; MIPT BOTH ENDS.</td>
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<tr>
<td>690</td>
<td>NIPPLE, PIPE - GALVANIZED, 2&quot; X 6&quot; MIPT BOTH ENDS.</td>
<td></td>
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<tr>
<td>700</td>
<td>NIPPLE, PIPE - GALVANIZED, 2&quot; X 8&quot; MIPT BOTH ENDS.</td>
<td></td>
</tr>
<tr>
<td>710</td>
<td>NIPPLE, PIPE - GALVANIZED, 2&quot; X 10&quot; MIPT BOTH ENDS.</td>
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</table>
PUD-FITTINGS

FTGCN

Item | Description: | NIPPLE, PIPE - GALVANIZED, 2" X 12" MIPT BOTH ENDS.  
 | 720 |

Item | Description: | NIPPLE, PIPE - GALVANIZED, 2-1/2" X 6" MIPT BOTH ENDS.  
 | 750 |

Item | Description: | NIPPLE, PIPE - GALVANIZED, 2-1/2" X 8" MIPT BOTH ENDS.  
 | 760 |

Item | Description: | INACTIVE - NIPPLE, PIPE - GALVANIZED, 3" X 4" MIPT BOTH ENDS.  
 | 820 |

Item | Description: | NIPPLE, PIPE - GALVANIZED, 3" X 5" MIPT BOTH ENDS.  
 | 830 |

Item | Description: | NIPPLE, PIPE - GALVANIZED, 3" X 6" MIPT BOTH ENDS.  
 | 840 |

Item | Description: | NIPPLE, PIPE - GALVANIZED, 3" X 8" MIPT BOTH ENDS.  
 | 850 |

Item | Description: | NIPPLE, PIPE - GALVANIZED, 3" X 10" MIPT BOTH ENDS.  
 | 860 |
PUD-FITTINGS

FTGCN

Item Description: NIPPLE, PIPE - GALVANIZED, 3" X 12" MIPT BOTH ENDS.
870

Item Description: NIPPLE, PIPE - GALVANIZED, 4" X 12" MIPT BOTH ENDS.
940

Item Description: NIPPLE, PIPE, 2" X 3", 304 STAINLESS STEEL, MIPT BOTH ENDS.
960

Item Description: NIPPLE, PIPE, 2" X 3", 316 STAINLESS STEEL, MIPT BOTH ENDS.
962

ORDER BY DESCRIPTION

FTGCP

Item Description: SQUARE HEAD PLUG, PIPE - GALVANIZED, 1/2" MIPT.
040

Item Description: NIPPLE, PIPE, 2" X 12", 304 STAINLESS STEEL, MIPT BOTH ENDS. ** NO SUBSTITUTE **
970
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<thead>
<tr>
<th>Item</th>
<th>Description:</th>
<th>FTGCP</th>
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<tbody>
<tr>
<td>050</td>
<td>SQUARE HEAD PLUG, PIPE - GALVANIZED, 3/4&quot; MIPT.</td>
<td></td>
</tr>
<tr>
<td>060</td>
<td>SQUARE HEAD PLUG, PIPE - GALVANIZED, 1&quot; MIPT.</td>
<td></td>
</tr>
<tr>
<td>070</td>
<td>SQUARE HEAD PLUG, PIPE - GALVANIZED, 1-1/4&quot; MIPT.</td>
<td></td>
</tr>
<tr>
<td>080</td>
<td>SQUARE HEAD PLUG, PIPE - GALVANIZED, 1-1/2&quot; MIPT.</td>
<td></td>
</tr>
<tr>
<td>085</td>
<td>SQUARE HEAD PLUG, PIPE - GALVANIZED, 2&quot; MIPT.</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>SQUARE HEAD PLUG, PIPE - GALVANIZED, 3&quot; MIPT.</td>
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<tr>
<th>Item</th>
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<tr>
<td>050</td>
<td>REDUCER, PIPE - GALVANIZED, 1/2&quot; X 3/8&quot; FIPT BOTH ENDS.</td>
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</table>
**REDUCER, PIPE - GALVANIZED**

<table>
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<th>Item</th>
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<tbody>
<tr>
<td>070</td>
<td>REDUCER, PIPE - GALVANIZED, 3/4&quot; X 1/2&quot; FIPT BOTH ENDS.</td>
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<tr>
<td>080</td>
<td>REDUCER, PIPE - GALVANIZED, 1&quot; X 1/2&quot; FIPT BOTH ENDS.</td>
</tr>
<tr>
<td>090</td>
<td>REDUCER, PIPE - GALVANIZED, 1&quot; X 3/4&quot; FIPT BOTH ENDS.</td>
</tr>
<tr>
<td>110</td>
<td>REDUCER, PIPE - GALVANIZED, 1-1/4&quot; X 3/4 FIPT BOTH ENDS.</td>
</tr>
<tr>
<td>120</td>
<td>REDUCER, PIPE - GALVANIZED, 1-1/4&quot; X 1&quot; FIPT BOTH ENDS.</td>
</tr>
<tr>
<td>130</td>
<td>REDUCER, PIPE - GALVANIZED, 1-1/2&quot; X 1/2&quot; FIPT BOTH ENDS.</td>
</tr>
<tr>
<td>140</td>
<td>REDUCER, PIPE - GALVANIZED, 1-1/2&quot; X 3/4 FIPT BOTH ENDS.</td>
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<tr>
<td>150</td>
<td>REDUCER, PIPE - GALVANIZED, 1-1/2&quot; X 1&quot; FIPT BOTH ENDS.</td>
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</table>
PUD-FITTINGS

FTGCR

Item Description: REDUCER, PIPE - GALVANIZED, 1-1/2" X 1-1/4" FIPT BOTH ENDS.
160

Item Description: REDUCER, PIPE - GALVANIZED, 2" X 1/2" FIPT BOTH ENDS.
170

Item Description: REDUCER, PIPE - GALVANIZED, 2" X 3/4" FIPT BOTH ENDS.
180

Item Description: REDUCER, PIPE - GALVANIZED, 2" X 1" FIPT BOTH ENDS.
190

Item Description: REDUCER, PIPE - GALVANIZED, 2" X 1-1/4" FIPT BOTH ENDS.
200

Item Description: REDUCER, PIPE - GALVANIZED, 2" X 1-1/2" FIPT BOTH ENDS.
210

Item Description: REDUCER, PIPE - GALVANIZED, 2-1/2" X 2" FIPT BOTH ENDS.
220

Item Description: REDUCER, PIPE - GALVANIZED, 3" X 2" FIPT BOTH ENDS.
230
<table>
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<tr>
<th>Item</th>
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<tr>
<td>260</td>
<td>REDUCER, PIPE - GALVANIZED, 4&quot; X 3&quot;.</td>
<td>REDUCER, PIPE - GALVANIZED, 4&quot; X 3&quot;.</td>
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<tr>
<td>070</td>
<td>TEE, PIPE - GALVANIZED, 1&quot; X 1&quot; X 1&quot; FIPT</td>
<td>TEE, PIPE - GALVANIZED, 1&quot; X 1&quot; X 1&quot; FIPT</td>
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<tr>
<td>075</td>
<td>TEE, PIPE - NO-LEAD BRASS 1x1x1 FIPT</td>
<td>TEE, PIPE - NO-LEAD BRASS 1x1x1 FIPT</td>
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<tr>
<td>090</td>
<td>TEE, PIPE - GALVANIZED, 1-1/4&quot; X 1-1/4&quot; X 1-1/4&quot; FIPT</td>
<td>TEE, PIPE - GALVANIZED, 1-1/4&quot; X 1-1/4&quot; X 1-1/4&quot; FIPT</td>
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<tr>
<td>095</td>
<td>TEE, PIPE - NO-LEAD BRASS 1-1/4&quot; X 1-1/4&quot; X 1-1/4&quot; FIPT</td>
<td>TEE, PIPE - NO-LEAD BRASS 1-1/4&quot; X 1-1/4&quot; X 1-1/4&quot; FIPT</td>
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<tr>
<td>100</td>
<td>TEE, PIPE - GALVANIZED, 1-1/2&quot; X 1-1/2&quot; X 1-1/2&quot; FIPT</td>
<td>TEE, PIPE - GALVANIZED, 1-1/2&quot; X 1-1/2&quot; X 1-1/2&quot; FIPT</td>
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</table>
PUD-FITTINGS

FTGCT

Item Description: TEE, PIPE - NO-LEAD BRASS 1 1/2" x 1-1/2" x 1 1/2" FIPT
105 ORDER BY DESCRIPTION
OBD

Item Description: TEE, PIPE - GALVANIZED, 2" X 2" X 2" FIPT.
120

Item Description: TEE, PIPE - NO-LEAD BRASS, 2x2x2 FIPT
125 ORDER BY DESCRIPTION
ORDER BY DESCRIPTION

FTGCZ

Item Description: NO LEAD COUPLING, STRAIGHT 1", FEMALE COPPER THREAD X COMPRESSION, COMPRESSION END FOR 250 PSI POLYBUTYLENE TUBING.
120 FORD MUELLER
C04-44-NL H-15071N

Item Description: NO LEAD COUPLING, STRAIGHT 1-1/2", FEMALE COPPER THREAD X COMPRESSION, COMPRESSION FOR 250 PSI POLYBUTYLENE TUBING.
130 FORD MUELLER
C04-66-NL H-15071N

Item Description: NO LEAD COUPLING, STRAIGHT 2", (#C04-77), FEMALE COPPER THREAD X COMPRESSION. COMPRESSION FOR 250 PSI POLYBUTYLENE TUBING.
210 FORD MUELLER
C04-77-NL H-15071N
### FTGCZ

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Ford</th>
<th>Mueller</th>
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<tbody>
<tr>
<td>220</td>
<td>NO LEAD COUPLING, STRAIGHT 3/4&quot;, COMPRESSION X COMPRESSION, FOR POLYBUTYLENE TUBING.</td>
<td>C44-33-NL</td>
<td>H-15403N</td>
</tr>
<tr>
<td>230</td>
<td>NO LEAD COUPLING, STRAIGHT 1&quot;, COMPRESSION X COMPRESSION, FOR POLYBUTYLENE TUBING.</td>
<td>C44-44-NL</td>
<td>H-15403N</td>
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<tr>
<td>310</td>
<td>NO LEAD COUPLING, STRAIGHT 1 1/2&quot;, (#C44-66), COMPRESSION X COMPRESSION, FOR POLYBUTYLENE TUBING.</td>
<td>C44-66-NL</td>
<td>H-15403N</td>
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<tr>
<td>320</td>
<td>NO LEAD COUPLING, STRAIGHT 2&quot;, COMPRESSION X COMPRESSION, FOR POLYBUTYLENE TUBING.</td>
<td>C44-77-NL</td>
<td>H-15403N</td>
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<tr>
<td>330</td>
<td>NO LEAD COUPLING, STRAIGHT, 3/4&quot;, MIP TO COMPRESSION, FOR POLYBUTYLENE TUBING.</td>
<td>C84-33-NL</td>
<td>H-15428N</td>
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<tr>
<td>410</td>
<td>NO LEAD COUPLING, STRAIGHT, 1&quot;, MIP TO COMPRESSION, FOR POLYBUTYLENE TUBING.</td>
<td>C84-44-NL</td>
<td>H-15428N</td>
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<tr>
<td>420</td>
<td>NO LEAD COUPLING, STRAIGHT, 1-1/2&quot;, MIP TO COMPRESSION, FOR POLYBUTYLENE TUBING.</td>
<td>C84-66-NL</td>
<td>H-15428N</td>
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### PUD-FITTINGS

#### FTGCZ

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<tr>
<td>430</td>
<td>NO LEAD COUPLING, STRAIGHT, 2&quot;, MIP TO COMPRESSION, FOR POLYBUTYLENE TUBING.</td>
<td>FORD C84-77-NL MUELLER H-15428N</td>
</tr>
<tr>
<td>500</td>
<td>NO LEAD COUPLING, CORPORATION STOP, 3/4&quot;, 1/8 BEND INLET: INSIDE COPPER TUBE NUT THREAD, OUTLET: COMPRESSION (OR PACK JOINT) FOR CTS POLYBUTYLENE TUBING.</td>
<td>FORD LA04-33-NL MCDONALD 4750-T</td>
</tr>
<tr>
<td>608</td>
<td>COUPLING, MAXFIT 8&quot;, INCLUDES NUTS, AND BOLTS TO BE COATED WITH THERMOPLASTIC POLYMER, RILSAN NYLON 11, FITS THE FOLLOWING PIPE, DUCTILE IRON, C900 PVC, CAST IRON, STEEL, AC, AND IPS PVC. OD RANGE 8.59 TO 9.25.</td>
<td>MUELLER COMPANY MFC 0890</td>
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#### FTGDD

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>093</td>
<td>CEMENT, PVC CHEMICAL, HD, HIGH VISCOSITY, QUART</td>
<td>EZ WELD EZ WELD 216 SUPERDUTY OATEY CO. 31008</td>
</tr>
<tr>
<td>110</td>
<td>CEMENT, PVC CHEMICAL - GALLON CANS, FOR SCH40 FITTINGS 1/2&quot; THROUGH 2&quot; SIZE, CLEAR.</td>
<td>EZ WELD OATEY CO. 205 31016</td>
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<tr>
<td>120</td>
<td>CEMENT, PVC CHEMICAL, HD, HIGH VISCOSITY, QUART SIZE. OATEY #31105</td>
<td>OATEY CO. 31105</td>
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</tbody>
</table>
PUD-FITTINGS

FTGDD

Item Description: CEMENT, PVC-HEAVY DUTY, "BLUE" INDUSTRIAL GRADE CEMENT FOR SCH 80, MEDIUM BODIED FAST SET, FAST CURING. WET/DRY PVC CEMENT QUART CANS ONLY.

OATEY CO.

30894

Item Description: CLEANER, PVC - PVC PIPE AND FITTING CLEANER, CHEMICAL FORMULA WHICH ALLOWS QUICK CLEANING AND RAPID EVAPORATION. E-Z WELD PIPE CLEANER OR EQUAL ---- **** ONE GALLON CONTAINERS ONLY ****

EZ WELD

OATEY CO.

EZ WELD 214-05

EZ WELD 214-05

30766

Item Description: LUBRICANT, PVC, EASE ON PIPE JOINT LUBRICANT, CONCORD CHEMICAL CO. OR ACCEPTABLE EQUAL FOR ASSEMBLY OF PUSH ON PIPE JOINTS WITH RUBBER OR SYNTHETIC RUBBER TYPE GASKETS. **** ONE GALLON CONTAINERS ONLY ****

FTGDF

Item Description: ADAPTER, PIPE - PVC, SCH 40, 2", BELL X FEMALE PIPE THREAD.

100

Item Description: INACTIVE - ADAPTER, PIPE - PVC, SCH 40, 2", BELLED & GASKETED ON ONE END, MALE PIPE THREAD ON OTHER END, MINIMUM PRESSURE RATING TO BE 200 PSI, PVC 1. LASCOTITE

LASCOTITE

21308

Item Description: ADAPTER, PIPE - PVC, SCH 40, 1/2", SLIP X FEMALE PIPE THREAD.

110
PUD-FITTINGS

FTGDF

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>115</td>
<td>ADAPTER, PIPE - PVC, SCH 40, 3/4&quot;, SLIP X FEMALE PIPE THREAD.</td>
</tr>
<tr>
<td>118</td>
<td>ADAPTER, REDUCING, 3/4&quot; SLIP X 1/2&quot; FEMALE PIPE THREAD, SCH40.</td>
</tr>
<tr>
<td>120</td>
<td>ADAPTER, PIPE - PVC, SCH 40, 1&quot;, SLIP X FEMALE PIPE THREAD.</td>
</tr>
<tr>
<td>122</td>
<td>ADAPTER, REDUCING, 1&quot; SLIP X 3/4&quot; FEMALE PIPE THREAD, SCH40.</td>
</tr>
<tr>
<td>125</td>
<td>ADAPTER, PIPE - PVC, SCH 40, 1 1/4&quot;, SLIP X FEMALE PIPE THREAD.</td>
</tr>
<tr>
<td>130</td>
<td>ADAPTER, PIPE - PVC, SCH 40, 1-1/2&quot;, SLIP X FEMALE PIPE THREAD.</td>
</tr>
<tr>
<td>132</td>
<td>BUSHING, PIPE-PVC, SCH 40, 1 1/2&quot;-SLIP X 1&quot; FEMALE PIPE THREAD.</td>
</tr>
<tr>
<td>134</td>
<td>ADAPTER, PIPE - PVC, SCH 40, 2&quot;, SLIP X FEMALE PIPE THREAD.</td>
</tr>
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</table>
PUD-FITTINGS

FTGDF

Item Description: ADAPTER, PIPE - PVC, SCH 40, 1/2" SLIP X 3/4" MALE PIPE THREAD.
135

Item Description: ADAPTER, PIPE - PVC, SCH 40, 1/2", SLIP X MALE PIPE THREAD.
140

Item Description: ADAPTER, PIPE- PVC, SCH 40, 3/4", SLIP X MALE PIPE THREAD.
145

Item Description: ADAPTER, PIPE - PVC, SCH 40, 1", SLIP X MALE PIPE THREAD.
150

Item Description: INACTIVE - ADAPTER, PIPE - PVC, SCH 40, 1-1/4", SLIP X MALE PIPE THREAD.
155

Item Description: ADAPTER, PIPE - PVC, SCH 40, 1-1/2", SLIP X MALE PIPE THREAD.
160

Item Description: ADAPTER, PIPE - PVC, SCH 40, 2", SLIP X MALE PIPE THREAD.
165

Item Description: INACTIVE - ADAPTER, PIPE - PVC, SCH 40, 3", SLIP X MALE PIPE THREAD.
170
PUD-FITTINGS

FTGDF

Item Description: BUSHING, REDUCING, 3/4" SLIP X 1/2" FIPT PVC SCH40

Item Description: BUSHING, PVC, SCH-40, 1" SLIP X 3/4" FEMALE IRON PIPE THREAD

CHARLOTTE PIPE AND FOUNDRY

Item Description: BUSHING, PVC - SCH 40, 3/4" X 1/2", REDUCING BUSHING, SLIP X SLIP.

Item Description: BUSHING, PVC - SCH 40, 3/4" X 1", REDUCING BUSHING, THREADED

Item Description: BUSHING, PVC - SCH 40, 1" X 3/4", REDUCING BUSHING, SLIP X SLIP.

Item Description: BUSHING, PVC - SCH 40, 1" X 1-1/4", REDUCING BUSHING, SLIP X SLIP.

Item Description: BUSHING, PVC - SCH 40, 1-1/2" X 1-1/4", REDUCING BUSHING, THREADED

Item Description: BUSHING, PVC - SCH 40, 1-1/4" X 1-1/2", REDUCING BUSHING, SLIP X SLIP.
PUD-FITTINGS

FTGDF

Item Description: BUSHING, PVC - SCH 40, 2" X 1-1/2", REDUCING BUSHING, SLIP X SLIP.
246

Item Description: BUSHING, PVC SCH-40, 2" SLIP X 1" REDUCING BUSHING, SLIP X SLIP
247

CHARLOTTE PIPE AND FOUNDRY

P40SBKG

Item Description: CAP, PVC - SCH 40, 1/2", SLIP.
250

Item Description: CAP, PVC - SCH 40, 3/4", SLIP.
260

Item Description: CAP, PVC - SCH 40, 3/4", THREADED.
265

Item Description: CAP, PVC - SCH40, 1", SLIP.
279

Item Description: CAP, PVC - SCH 40, 1", THREADED.
283

Item Description: CAP, PVC - SCH 40, 2". SLIP.
290
PUD-FITTINGS

FTGDF

Item  Description:  CAP, PVC - SCH 40, 2", THREADED.
          295

Item  Description:  CAP, PVC - SCH 40, 4", SLIP.
          300

Item  Description:  CAP, PVC - SCH 40, 6", SLIP.
          305

Item  Description:  COUPLING, COMPRESSION 1-1/4", SCH40.
          338

Item  Description:  COUPLING, PVC - SCH 40, 1/2",SLIP X SLIP
          350

Item  Description:  COUPLING, PVC - SCH 40, 3/4",SLIP X SLIP
          355

Item  Description:  COUPLING, PVC - SCH 40, 1", SLIP X SLIP.
          360

Item  Description:  INACTIVE - COUPLING, PVC - SCH 40, 1-1/4", SLIP X SLIP.
          365
### PUD-FITTINGS

**FTGDF**

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<tbody>
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<td>370</td>
<td>COUPLING, PVC - SCH 40, 1-1/2&quot;, SLIP X SLIP.</td>
<td></td>
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<tr>
<td>373</td>
<td>COUPLING, REDUCER - PVC, SCH40, S X S, 1-1/2&quot; X 1&quot;</td>
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<tr>
<td>375</td>
<td>COUPLING, PVC - SCH 40, 2&quot;, SLIP X SLIP.</td>
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<tr>
<td>380</td>
<td>COUPLING, PVC - SCH 40, 3&quot;, SLIP X SLIP.</td>
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<tr>
<td>385</td>
<td>COUPLING, PVC - SCH 40, 4&quot;, SLIP X SLIP.</td>
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<tr>
<td>390</td>
<td>COUPLING, PVC - SCH 40, 6&quot;, SLIP X SLIP.</td>
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<tr>
<td>395</td>
<td>COUPLING, PVC - SCH 40, 8&quot;, SLIP X SLIP.</td>
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</table>
PUD-FITTINGS

FTGDH

Item Description: ELL, PVC - SCH 40, 45 DEGREE, 1/2", SLIP X SLIP.
500

Item Description: ELL, PVC - SCH 40, 45 DEGREE, 3/4", SLIP X SLIP.
505

Item Description: ELL, PVC - 45 DEGREE, 1", SLIP X SLIP, SCH40.
510

Item Description: ELL, PVC - 45 DEGREE, 1-1/4", SCH40, SLIP X SLIP.
513

Item Description: ELL, PVC - SCH 40, 45 DEGREE, 1 1/2", SLIP X SLIP.
515

Item Description: ELL, PVC - SCH 40, 45 DEGREE, 2", SLIP X SLIP
525

Item Description: ELL, PVC - SCH 40, 45 DEGREE, 3", SLIP X SLIP.
530

Item Description: ELL, PVC - SCH 40, 45 DEGREE, 6", SLIP X SLIP.
540
FTGDH

Item  Description:  ELL, PVC - SCH 40, 90 DEGREE, 1/2", SLIP X SLIP.  
               600

Item  Description:  ELL, PVC - SCH 40, 90 DEGREE, 3/4", SLIP X SLIP.  
               610

Item  Description:  ELL, PVC - SCH 40, 90 DEGREE, 3/4", SLIP X FEMALE PIPE THREAD.  
               615

Item  Description:  ELL, PVC - SCH 40, 90 DEGREE, 1", SLIP X SLIP.  
               620

Item  Description:  ELL, PVC - SCH 40, 90 DEGREE, 1" X 3/4", 1" SLIP X 3/4" FEMALE PIPE THREAD.  
               625

Item  Description:  ELL, STREET 1", PVC, SCH40, 90 DEGREE, FEMALE SLIP X MALE PIPE THREAD.  
               627

Item  Description:  ELL, PVC - SCH 40, 90 DEGREE, 1-1/4", SLIP X SLIP.  
               630

Item  Description:  ELL, PVC - SCH 40, 90 DEGREE, 1-1/2", SLIP X SLIP.  
               640
### FTGDH

<table>
<thead>
<tr>
<th>Item</th>
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<tbody>
<tr>
<td>650</td>
<td>ELL, PVC - SCH 40, 90 DEGREE, 2&quot;, SLIP X SLIP.</td>
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<tr>
<td>660</td>
<td>ELL, PVC - SCH 40, 90 DEGREE, 3&quot;, SLIP X SLIP.</td>
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<td>670</td>
<td>ELL, PVC - SCH 40, 4&quot;, 90 DEGREE, SLIP X SLIP.</td>
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<tr>
<td>710</td>
<td>PLUG, PVC - SCH 40, 1/2&quot;, MALE PIPE THREAD.</td>
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<tr>
<td>717</td>
<td>PLUG, PVC - SCH 40, 3/4&quot;, SLIP.</td>
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<td>720</td>
<td>PLUG, PVC - SCH 40, 3/4&quot;, MALE PIPE THREAD.</td>
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<tr>
<td>740</td>
<td>INACTIVE - PLUG, PVC - SCH 40, 4&quot;, SPIGOT</td>
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<td>745</td>
<td>PLUG, PVC - SCH 40, 4&quot;, THREADED</td>
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PUD-FITTINGS

FTGDH

**Item** Description: TEE, PVC - SCH 40, 1/2", SLIP X SLIP X SLIP.
815

**Item** Description: TEE, PVC - SCH 40, 3/4", SLIP X SLIP X SLIP.
820

**Item** Description: TEE, PVC - SCH 40, 3/4", SLIP X SLIP X SLIP.
825

**Item** Description: TEE, PVC - SCH 40, 1", SLIP X SLIP X SLIP.
830

**Item** Description: TEE, PVC - SCH 40, 1-1/4", SLIP X SLIP X SLIP.
835

**Item** Description: TEE, PVC - SCH40, 1-1/2", SLIP X SLIP X SLIP.
840

**Item** Description: INACTIVE - TEE, PVC - SCH 40, 2", SLIP X SLIP X FEMALE PIPE THREAD.
845

**Item** Description: TEE, PVC - SCH 40, 2", SLIP X SLIP X SLIP.
850
PUD-FITTINGS

FTGDK

Item Description: ADAPTER, PVC- SCH40, 3/4", MALE INSERT X FEMALE SLIP. 
060

Item Description: ADAPTER, PIPE - PVC, SCH 80, 1-1/2", SLIP X MALE IRON PIPE THREAD. 
075

Item Description: ADAPTER, 2" PVC, SCH 80, SLIP X FEMALE IRON PIPE THREAD 
080

Item Description: ADAPTER, 1-1/2" PVC, SCH-80, SLIP X FEMALE IRON PIPE THREAD 
081

CHARLOTTE PIPE AND FOUNDRY ORDER BY DESCRIPTION
835-015 OBD

Item Description: ADAPTER, PIPE - PVC, SCH 80, 2", SLIP X MALE IRON PIPE THREAD. 
085

Item Description: ADAPTER, PIPE - PVC, SCH 80, 3", SLIP X MALE IRON PIPE THREAD. 
090

Item Description: ADAPTER, PIPE - PVC, SCH 80, 4", MALE SLIP X MALE IRON PIPE THREAD. 
095

Item Description: COUPLING, PVC - SCH 80, 1/2",SLIP X SLIP 
110
PUD-FITTINGS

FTGDK

Item Description: INACTIVE - COUPLING, PVC - SCH 80, 1/2", THREADED.
115

Item Description: COUPLING, PVC - SCH 80, 3/4", SLIP X SLIP
120

Item Description: COUPLING, PVC - SCH 80, 3/4", THREADED.
125

Item Description: COUPLING, PVC - SCH80, 1", SLIP X SLIP.
130

Item Description: COUPLING, PVC - SCH 80, 1-1/4", SLIP X SLIP.
140

Item Description: COUPLING, PVC - SCH 80, 1-1/2", SLIP X SLIP.
145

Item Description: COUPLING, PVC - SCH 80, 2", SLIP X SLIP.
150

Item Description: COUPLING, PVC - SCH 80, 3", SLIP X SLIP.
155
PUD-FITTINGS

FTGDK

Item Description: COUPLING, PVC - SCH 80, 4", SLIP X SLIP.
160

Item Description: ELL, PVC - SCH 80, 45 DEGREE, 1/2", SLIP X SLIP.
180

Item Description: ELL, PVC - SCH 80, 45 DEGREE, 3/4", SLIP X SLIP.
190

Item Description: ELL, PVC - SCH 80, 45 DEGREE, 3/4", THREADED.
195

Item Description: ELL, PVC-SCH 80, 45 DEGREE, 1-1/2", SLIP X SLIP.
200

Item Description: ELL, PVC - SCH 80, 45 DEGREE, 3", SLIP X SLIP.
207

Item Description: ELL, PVC - SCH 80, 1/2", 90 DEGREE, SLIP X SLIP.
220

Item Description: ELL, PVC - SCH 80, 90 DEGREE, 1/2", THREADED.
225
<table>
<thead>
<tr>
<th>Item</th>
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<tbody>
<tr>
<td>230</td>
<td>ELL, PVC - SCH 80, 90 DEGREE, 3/4&quot;, SLIP X SLIP.</td>
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<tr>
<td>235</td>
<td>ELL, PVC - SCH 80, 90 DEGREE, 3/4&quot;, THREADED</td>
</tr>
<tr>
<td>240</td>
<td>ELL, PVC - SCH 80, 90 DEGREE, 1&quot;, SLIP X SLIP.</td>
</tr>
<tr>
<td>247</td>
<td>ELL, PVC - SCH 80, 90 DEGREE, 1&quot;, FIPT X FIPT.</td>
</tr>
<tr>
<td>250</td>
<td>ELL, PVC - SCH 80, 90 DEGREE, 1-1/4&quot;, SLIP X SLIP.</td>
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<td>260</td>
<td>ELL, PVC - SCH 80, 90 DEGREE, 1-1/2&quot;, SLIP X SLIP</td>
</tr>
<tr>
<td>270</td>
<td>ELL, PVC - SCH 80, 2&quot;, 90 DEGREE, SLIP X SLIP.</td>
</tr>
<tr>
<td>280</td>
<td>ELL, PVC - SCH 80, 3&quot;, 90 DEGREE, SLIP X SLIP.</td>
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### PUD-FITTINGS

**FTGDK**

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<thead>
<tr>
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<tr>
<td>290</td>
<td>ELL, PVC - SCH 80, 90 DEGREE, 4&quot;, SLIP X SLIP.</td>
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<tr>
<td>430</td>
<td>INACTIVE - TEE, PVC - SCH 80, 1/2&quot;, SLIP X SLIP X SLIP.</td>
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<tr>
<td>450</td>
<td>TEE, PVC - SCH 80, 3/4&quot;, SLIP X SLIP X SLIP.</td>
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<tr>
<td>460</td>
<td>TEE, PVC - SCH 80, 3/4&quot;, THREADED.</td>
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<tr>
<td>470</td>
<td>TEE, PVC - SCH 80, 1&quot;, SLIP X SLIP X SLIP.</td>
</tr>
<tr>
<td>497</td>
<td>TEE, PVC - SCH 80, 2&quot;, SLIP X SLIP X SLIP.</td>
</tr>
<tr>
<td>530</td>
<td>INACTIVE - UNION, PVC - SCH 80, 1/2&quot;, SLIP X SLIP.</td>
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<tr>
<td>550</td>
<td>UNION, PVC - SCH 80, 3/4&quot;, SLIP X SLIP.</td>
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## PUD-FITTINGS

### FTGDK

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<tr>
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<th>Description</th>
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<tr>
<td>570</td>
<td>INACTIVE - UNION, PVC - SCH 80, 1-1/2&quot;, THREADED.</td>
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<tr>
<td>723</td>
<td>NIPPLE, PVC - SCH 80, 1/2&quot; X 3&quot;.</td>
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<tr>
<td>741</td>
<td>NIPPLE, PVC - SCH 80, 1/2&quot; X 5&quot;.</td>
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<tr>
<td>807</td>
<td>NIPPLE, PVC - SCH 80, 3/4&quot; X CLOSE.</td>
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<tr>
<td>824</td>
<td>NIPPLE, PVC - SCH 80, 3/4&quot; X 3&quot;.</td>
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<td>848</td>
<td>NIPPLE, PVC - SCH 80, 3/4&quot; X 5&quot;.</td>
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<tr>
<td>852</td>
<td>NIPPLE, PVC - SCH 80, 3/4&quot; X 6&quot;, THREADED</td>
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<tr>
<td>897</td>
<td>NIPPLE, PVC - SCH 80, 1&quot; X CL, THREADED.</td>
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### PUD-FITTINGS

#### FTGDK

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>904</td>
<td>NIPPLE, PVC - SCH 80, 1&quot; X 4&quot;, THREADED.</td>
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<tr>
<td>912</td>
<td>NIPPLE, PVC - SCH 80, 1&quot; X 6&quot;, THREADED.</td>
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<tr>
<td>928</td>
<td>NIPPLE, PVC - SCH 80, 1&quot; X 8&quot;, THREADED.</td>
</tr>
<tr>
<td>936</td>
<td>NIPPLE, PVC - SCH 80, 1&quot; X 12&quot;, THREADED.</td>
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<tr>
<td>975</td>
<td>NIPPLE, PVC - SCH 80, 1-1/4&quot; X 6&quot;, THREADED.</td>
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<tr>
<td>991</td>
<td>NIPPLE, PVC - SCH 80, 1-1/4&quot; X 12&quot;, THREADED.</td>
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#### FTGDM

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>027</td>
<td>NIPPLE, PVC - SCH 80, 1-1/2&quot; X 4&quot;</td>
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</table>
PUD-FITTINGS

FTGDM

Item  Description:  NIPPLE, PVC - SCH 80, 1-1/2" X 6"
       044

Item  Description:  NIPPLE, PVC - SCH 80, 1-1/2" X 12"
       082

Item  Description:  NIPPLE, PVC - SCH 80, 2" X 4"
       126

Item  Description:  NIPPLE, PVC - SCH 80, 2" X 6"
       149

Item  Description:  INACTIVE - NIPPLE, PVC - SCH 80, 2" X 8"
       153

Item  Description:  NIPPLE, PVC - SCH 80, 2" X 12"
       184

Item  Description:  FLANGE, PVC - SCH 80, 4", 8-HOLE, SLIP.
       320
PUD-FITTINGS

FTGDQ

Item  Description:  BEND, PVC - SDR26, 22-1/2 DEGREE, 4", BELL X SPIGOT, SPIGOT END TO BE FULL CHAMFERED, BELL TO BE GASKETED.

Item  Description:  BEND, PVC - SDR26, 22-1/2 DEGREE, 6", BELL X BELL, BOTH BELL ENDS TO BE GASKETED.

Item  Description:  BEND, PVC - SDR26, 22-1/2 DEGREE, 6", BELL X SPIGOT, SPIGOT TO BE CHAMFERED, BELL END TO BE GASKETED.

Item  Description:  BEND, PVC - SDR26, 45 DEGREE, 8", BELL X SPIGOT, SPIGOT TO BE CHAMFERED, BELL END TO BE GASKETED.

Item  Description:  BEND, PVC - SDR 26, 45 DEGREE, 4", BELL X BELL, BOTH ENDS GASKETED.

Item  Description:  BEND, PVC - SDR26, 45 DEGREE, 6", BELL X BELL, BOTH ENDS GASKETED.

Item  Description:  BEND, PVC - SDR26, 45 DEGREE, 6", BELL X SPIGOT, SPIGOT TO BE CHAMFERED, BELL TO BE GASKETED.
**FTGDQ**

**Description:**
- **Item** 156: BEND, PVC - SDR26, 45 DEGREE, 8", BELL X SPIGOT, SPIGOT TO BE CHAMFERED, BELL TO BE GASKETED.
- **Item** 172: BEND, PVC - SDR26, 90 DEGREE, 4", BELL X SPIGOT, SPIGOT TO BE CHAMFERED, BELL TO BE GASKETED.
- **Item** 180: BEND, PVC - SDR26, 90 DEGREE, 6", BELL X SPIGOT, SPIGOT TO BE CHAMFERED, BELL TO BE GASKETED.
- **Item** 260: CAP, PVC - SDR26, 6", BELL TO BE GASKETED.
- **Item** 382: COUPLING, PVC - 6", COUPLING TO FIT SDR-26 OD ON ONE END AND C900 OD ON THE OTHER, COUPLING TO BE BELLED & GASKETED ON BOTH ENDS.

**THE HARRINGTON CORP (HARCO)**

**Item** 337-060: PLUG, PVC - SDR 26, 6", SLIP

**Item** 410: PLUG, PVC - SDR 26, 8", SLIP
## PUD-FITTINGS

**FTGDQ**

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td></td>
<td>TEE, PVC - SDR26, 4&quot;, SANITARY SEWER TEE, BELL X BELL X BELL, ALL BELLS TO BE GASKETED.</td>
<td>510</td>
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<td>TEE, PVC - SDR26, 6&quot;, SANITARY SEWER TEE, BELL X BELL X BELL, ALL BELLS TO BE GASKETED.</td>
<td>520</td>
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<tr>
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<td>TEE, PVC - SDR26, 8&quot; X 6&quot;, SANITARY SEWER TEE, BELL X BELL X BELL, ALL BELLS TO BE GASKETED.</td>
<td>540</td>
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<tr>
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<td>TEE, PVC - SDR26, 10&quot; X 6&quot;, SANITARY SEWER TEE, BELL X BELL X BELL, ALL BELLS TO BE GASKETED.</td>
<td>550</td>
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<td>WYE, PVC - SDR26, 4&quot; X 4&quot; X 4&quot;, BELL X BELL X BELL, ALL BELLS TO BE GASKETED.</td>
<td>610</td>
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<tr>
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<td>WYE, PVC - SDR26, 6&quot; X 6&quot; X 6&quot;, BELL X BELL X BELL, ALL BELLS TO BE GASKETED.</td>
<td>620</td>
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<td>WYE, PVC - SDR26, 8&quot; X 8&quot; X 6&quot;, BELL X BELL X BELL, ALL BELLS TO BE GASKETED.</td>
<td>630</td>
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</table>
**PUD-FITTINGS**

**FTGDU**

**Item**  **Description:** TEE, PVC - DR18, 8" X 8" X 6", ALL OUT-LETS TO BE BELLED AND GASKETED, C-900, ALL FITTINGS TO BE INJECTION MOLDED.

**Item**  **Description:** TEE, PVC - DR18, 10" X 10" X 6", ALL OUT-LETS TO BE BELLED AND GASKETED, C-900, ALL FITTINGS TO BE INJECTION MOLDED.

**Item**  **Description:** TEE, PVC - DR18, 12" X 12" X 6", ALL OUT-LETS TO BE BELLED AND GASKETED, C-900, ALL FITTINGS TO BE INJECTION MOLDED.

**Item**  **Description:** BEND, PVC - DR 18, 22 1/2 DEGREE, 6", C-900 (AWWA C 907: Class 150 rated).

**Item**  **Description:** BEND, PVC - DR 18, 45 DEGREE, 6", C900.

**Item**  **Description:** RESTRAINER KIT, 3", TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. **MUST BE BOXED IN KIT FORM.**

**EBAA IRON**  **SIGMA**  **STAR PIPE PRODUCTS**

1103  SLDEP3  SGDPPK03N
### PUD–FITTINGS

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<th>Item</th>
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<th>SIGMA</th>
<th>STAR PIPE PRODUCTS</th>
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<td>214</td>
<td>RESTRAINER KIT, 4&quot;, TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **</td>
<td>1104</td>
<td>SLDEP4</td>
<td>SGDPPK04N</td>
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<tr>
<td>226</td>
<td>RESTRAINER KIT, 6&quot;, TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **</td>
<td>1106</td>
<td>SLDEP6</td>
<td>SGDPPK06N</td>
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<tr>
<td>238</td>
<td>RESTRAINER KIT, 8&quot;, TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **</td>
<td>1108</td>
<td>SLDEP8</td>
<td>SGDPPK08N</td>
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<tr>
<td>240</td>
<td>RESTRAINER KIT, 10&quot;, TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **</td>
<td>1110</td>
<td>SLDEP10</td>
<td>SGDPPK10N</td>
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<tr>
<td>256</td>
<td>RESTRAINER KIT, 12&quot;, TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **</td>
<td>1112</td>
<td>SLDEP12</td>
<td>SGDPPK12</td>
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<tr>
<td>264</td>
<td>RESTRAINER KIT, 14&quot;, TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM. **</td>
<td>1114</td>
<td>SSLDEP14</td>
<td>SGDPPK14</td>
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### Water and Wastewater Master Material Catalog

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<td><strong>266</strong></td>
<td><strong>RESTRAINER KIT, 16&quot;, TO INCLUDE GLAND, M.J. RUBBER GASKET, M.J. BOLTS AND NUTS. MUST BE BOXED IN KIT FORM</strong></td>
</tr>
<tr>
<td><strong>EBAA IRON</strong></td>
<td><strong>SIGMA</strong></td>
</tr>
<tr>
<td>1116</td>
<td>SSLDEP16</td>
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<tr>
<td><strong>287</strong></td>
<td><strong>RESTRAINER, MJ FITTING - 18&quot;, ONE PIECE GLAND REPLACES MJ FOLLOWER GLAND. USED WITH DUCTILE PIPE. MUST BE BOXED IN KIT FORM</strong></td>
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<tr>
<td><strong>EBAA IRON</strong></td>
<td><strong>FORD</strong></td>
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<tr>
<td>1118</td>
<td>SERIES 1400</td>
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<tr>
<td><strong>290</strong></td>
<td><strong>RESTRAINER KIT, 20&quot;, TO INCLUDE GLAND, M.J RUBBER GASKET, M.J BOLTS AND NUTS. MUST BE BOXED IN KIT FORM</strong></td>
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<tr>
<td>1120</td>
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<tr>
<td><strong>292</strong></td>
<td><strong>RESTRAINER KIT, 24&quot;, TO INCLUDE GLAND, M.J RUBBER GASKET, M.J BOLTS AND NUTS. MUST BE BOXED IN KIT FORM</strong></td>
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<td><strong>SIGMA</strong></td>
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<tr>
<td>1124</td>
<td>SSLDEP24</td>
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<tr>
<td><strong>294</strong></td>
<td><strong>RESTRAINER KIT, 30&quot;, TO INCLUDE GLAND, M.J NUTS. MUST BE BOXED IN KIT FORM</strong></td>
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<tr>
<td><strong>EBAA IRON</strong></td>
<td><strong>SIGMA</strong></td>
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<tr>
<td>1130</td>
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</table>
RESTRAINER KIT, 36", TO INCLUDE GLAND, MJ RUBBER GASKET, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **

CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 4" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **

CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 6" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **

CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 8" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **

CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 10" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **

CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 12" DR 18 & DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **
### PUD-FITTINGS

**FTGDU**

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<tr>
<td>335</td>
<td>CIRCLE-LOK RESTRAINER KIT, 1500 CA, FOR 16” DR 18 &amp; DR 25 PVC, KIT TO INCLUDE MEGALUG GLAND, MJ GASKET ONLY, MJ BOLTS AND NUTS. ** MUST BE BOXED IN KIT FORM **</td>
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**SIGMA**

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<td>400</td>
<td>RESTRAINER, SPLIT GLAND, 4” - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN MJ FITTINGS TO PVC PIPE. 360 DEGREE PIPE SUPPORT.</td>
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<td>500</td>
<td>RESTRAINER, SPLIT GLAND, 6” - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN MJ FITTINGS TO PVC PIPE. 360 DEGREE PIPE SUPPORT.</td>
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<td>600</td>
<td>RESTRAINER, SPLIT GLAND, 8” - RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN MJ FITTINGS TO PVC PIPE. 360 DEGREE PIPE SUPPORT.</td>
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<tr>
<td>950</td>
<td>UNIFLANGE, RESTRAINER GLAND, 8&quot;, WITH BOLTS AND NUTS, FOR STEEL PIPE SIZE PVC PIPE, USED TO RESTRAIN MJ FITTINGS TO PVC PIPE.</td>
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<tr>
<td>970</td>
<td>RESTRAINER, SPLIT GLAND, 10”- RESTRAINER FOR C-900 PVC PIPE. USED TO RESTRAIN MJ FITTINGS TO PVC PIPE. 360 DEGREE PIPE SUPPORT.</td>
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**SIGMA**

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<td>050</td>
<td>RESTRAINER, SPLIT GLAND, 12&quot;, EXHAUST, FOR PVC PIPE W/STEEL PIPE O.D.</td>
<td>Sigma STARR UNIFLANGE</td>
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<td>050</td>
<td>RESTRAINER, FLANGE 8&quot; TO BE USED FOR RESTRAINING BELL JOINTS OF C-900 PIPE.</td>
<td>Sigma STARR UNIFLANGE</td>
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<td>100</td>
<td>RESTRAINER, FLANGE 12&quot; TO BE USED FOR RESTRAINING BELL JOINTS OF C-900 PIPE.</td>
<td>Sigma STARR UNIFLANGE</td>
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<td>110</td>
<td>RESTRAINER, FLANGE 16&quot; TO BE USED FOR RESTRAINING BELL JOINTS OF C-900 PIPE.</td>
<td>Sigma STARR UNIFLANGE</td>
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<td>120</td>
<td>RESTRAINER, FLANGE 20&quot; TO BE USED FOR RESTRAINING BELL JOINTS OF C-900 PIPE.</td>
<td>Sigma STARR UNIFLANGE</td>
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PUD-FITTINGS

FTGDY

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<tr>
<td>124</td>
<td>RESTRAINER, SPLIT X SPLIT, SERRATED, 24&quot; PVC BELL JOINT RESTRAINT, TO BE USED FOR RESTRRAINING BELL JOINTS OF C905 PIPE</td>
<td>1390C</td>
<td>PWP-C24</td>
<td>PRC1124</td>
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<td>130</td>
<td>RESTRAINER, FLANGE 30&quot;, TO BE USED FOR RESTRRAINING BELL JOINTS OF C-900 PIPE</td>
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<td>136</td>
<td>RESTRAINER, FLANGE 36&quot;, TO BE USED FOR RESTRRAINING BELL JOINTS OF C-900 PIPE</td>
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<td>200</td>
<td>RESTRAINER, UNIFLANGE 6&quot;, USED TO RESTRRAIN PVC DR18 FITTINGS TO 6&quot; C-900 PIPE</td>
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<tr>
<td>218</td>
<td>RESTRAINER, UNIFLANGE 8&quot;, USED TO RESTRRAIN PVC DR18 FITTINGS TO 8&quot; C-900 PIPE</td>
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<tr>
<td>225</td>
<td>RESTRAINER, UNIFLANGE 10&quot;, USED TO RESTRRAIN PVC DR18 FITTINGS TO 10&quot; C-900 PIPE</td>
<td>SIGMA</td>
<td>STAR</td>
<td>UNIFLANGE</td>
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<td>504</td>
<td>SERIES 1390 PIPE RESTRAINER FOR DUCTILE IRON PIPE, 4&quot;, TO COME COMPLETE WITH THE FOLLOWING ITEMS, TWO CLAMPING RINGS, FOUR BOLTS &amp; NUTS, THREADED RODS &amp; NUTS.</td>
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Description:

- RESTRAINER, SPLIT X SPLIT, SERRATED, 24" PVC BELL JOINT RESTRAINT, TO BE USED FOR RESTRRAINING BELL JOINTS OF C905 PIPE
- RESTRAINER, FLANGE 30", TO BE USED FOR RESTRRAINING BELL JOINTS OF C-900 PIPE
- RESTRAINER, FLANGE 36", TO BE USED FOR RESTRRAINING BELL JOINTS OF C-900 PIPE
- RESTRAINER, UNIFLANGE 6", USED TO RESTRRAIN PVC DR18 FITTINGS TO 6" C-900 PIPE.
- RESTRAINER, UNIFLANGE 8", USED TO RESTRRAIN PVC DR18 FITTINGS TO 8" C-900 PIPE.
- RESTRAINER, UNIFLANGE 10", USED TO RESTRRAIN PVC DR18 FITTINGS TO 10" C-900 PIPE.
- SERIES 1390 PIPE RESTRAINER FOR DUCTILE IRON PIPE, 4", TO COME COMPLETE WITH THE FOLLOWING ITEMS, TWO CLAMPING RINGS, FOUR BOLTS & NUTS, THREADED RODS & NUTS.
**PUD-FITTINGS**

**FTGDY**

**Item** Description: PIPE RESTRAINER FOR DUCTILE IRON PIPE, 6", TO COME COMPLETE WITH THE FOLLOWING ITEMS, TWO CLAMPING RINGS, FOUR BOLTS & NUTS, THREADED RODS & NUTS.

**Item** Description: PIPE RESTRAINER FOR DUCTILE IRON PIPE, 8", TO COME COMPLETE WITH THE FOLLOWING ITEMS, TWO CLAMPING RINGS, FOUR BOLTS & NUTS, THREADED RODS & NUTS.

**Item** Description: 1500 CA MEGA LUG KIT, TO FIT 3" IPS AND SCH-40 PVC PIPE, KIT TO INCLUDE - MEGA LUG GLAND, M.J. RUBBER GASKET, M.J. BOLTS & NUTS.

**Item** Description: 1500 CA MEGA LUG KIT, TO FIT 20" DR -18 PVC PIPE, KIT TO INCLUDE - MEGA LUG GLAND, M.J. RUBBER GASKET, M.J. BOLTS & NUTS. MUST BE BOXED IN KIT FORM.

**Item** Description: 1500 CA MEGA LUG KIT, TO FIT 24" DR -18 PVC PIPE, KIT TO INCLUDE - MEGA LUG GLAND, M.J. RUBBER GASKET, M.J. BOLTS & NUTS.

**Item** Description: 1500 CA MEGA LUG RESTRAINER KIT, TO FIT 30" C905 PVC PIPE, KIT TO INCLUDE - MEGA LUG GLAND, M.J. RUBBER GASKET, M.J. BOLTS & NUTS. MUST HAVE ONE KIT PER BOX.
PUD-FITTINGS

FTGDY

Item  Description:  1500 CA MEGA LUG RESTRAINER KIT, TO FIT 36" C905 PVC PIPE, KIT TO INCLUDE - MEGA LUG GLAND, 636 M.J. RUBBER GASKET, M.J. BOLTS & NUTS. MUST HAVE ONE KIT PER BOX

FTGEE

Item  Description:  COUPLING, 3", RANGE 3.13-3.36, FITS AC, DI, CI, PVC, HDPE - LENGTH 8.38" EPOXY COATED-003 WATER/SEWER APPLICATIONS - 2 EACH STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)

ROMAC INDUSTRIES
260-04130413651 (MACRO)
260-03636361 (MACRO)

Item  Description:  COUPLING, 3" HYMAX, RANGE 3.46-4.33 EACH SIDE, FITS AC, DI, CI, PVC HDPE - LENGTH 8.7" - EPOXY 005 COATED-WATER/SEWER APPLICATIONS - 2 EACH STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)

KRAUSZ USA
860-54-0088-16 (HYMAX)
2000-0433-260 (HYMAX)

Item  Description:  COUPLING, 4", MIN RANGE 4.40-5.60, FITS AC, DI, CI, PVC HDPE - LENGTH 8.7-11.19 EPOXY COATED-010 WATER/SEWER APPLICATIONS - 2 EACH STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)

KRAUSZ USA
860-54-0108-16 (HYMAX)
2000-0563-260 (HYMAX)
PUD-FITTINGS

FTGE

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<td>COUPLING, 4&quot;, MIN RANGE 4.50-4.90, FITS DI, CI, PVC, PVC-IPS, HDPE,- LENGTH 11.85- SINGLE UNIT, FUSION BONDED EPOXY COATED-WATER/SEWER APPLICATIONS 2 STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)</td>
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<td>015</td>
<td>COUPLING, TRANSITION 3&quot;- MINIMUM O.D. RANGES TO BE 3.45-3.60 ONE END &amp; 4.07- 4.20 OTHER END, SLEEVE TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS</td>
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<td>040</td>
<td>COUPLING, 6&quot;, MIN RANGE 6.60-7.60, FITS AC, DI, CI, PVC HDPE - LENGTH 10.8-11.19 EPOXY COATED-WATER/SEWER APPLICATIONS - 2 EACH STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)</td>
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<td>045</td>
<td>COUPLING, 6&quot;, MIN RANGE 6.60-7.00, FITS DI, CI, PVC, PVC-IPS, HDPE,- LENGTH 11.98- SINGLE UNIT, FUSION BONDED EPOXY COATED-WATER/SEWER APPLICATIONS 2 STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)</td>
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ROMAC INDUSTRIES
PUD-Fittings

FTGEE

Item  Description: COUPLING, 8", MIN RANGE 8.60-9.75, FITS AC, DI, CI, PVC HDPE - LENGTH 10.8-11.19 EPOXY COATED-
050  WATER/SEWER APPLICATIONS - 2 EACH STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION
(054  NO DISASSEMBLY REQUIRED)

KRAUSZ USA
860-54-0217-16 (HYMAX)
2000-0984-260 (HYMAX)

Item  Description: COUPLING, 8", MIN RANGE 8.60-9.10, FITS DI, CI, PVC, PVC-IPS, HDPE,- LENGTH 13.19- SINGLE UNIT,
054  FUSION BONDED EPOXY COATED-WATER/SEWER APPLICATIONS 2 STAINLESS STEEL BOLTS (ON EACH END) STAB
(056  TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)

ROMAC INDUSTRIES
266-09101211 (ALPHA)

Item  Description: COUPLING, TRANSITION - DUCTILE IRON - BOLTED COUPLING TO HAVE O.D RANGES OF (8.30-8.55) X
056  (8.99-9.40), GASKETS SUPPLIED MUST BE NEOPRENE (BUNA) COMPOUNDED FOR SEWER SERVICE, COUPLING TO
(056  MEET ASTM A536-80 & AWWA C111-80

ROMAC INDUSTRIES
501

Item  Description: COUPLING, 10", MIN RANGE 10.70-11.90, FITS AC, DI, CI, PVC HDPE - LENGTH 10.8-11.19- EPOXY
060  COATED-WATER/SEWER APPLICATIONS - 2 EACH STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE
060  INSTALLATION (NO DISASSEMBLY REQUIRED)

KRAUSZ USA
2000-1200-260/K86056027216 (HYMAX)
860-54-0278-16

ROMAC INDUSTRIES
2601190851 (MACRO)
### PUD-FITTINGS

#### FTGEE

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<td>COUPLING, 10&quot;, MIN RANGE 11.00-12.20, FITS AC, DI, CI, PVC HDPE - LENGTH 10.8-11.19 - EPOXY COATED-WATER/SEWER APPLICATIONS - 2 EACH STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)</td>
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<td>COUPLING, 10&quot;, MIN RANGE 10.75-11.20, FITS DI, CI, PVC, PVC-IPS, HDPE, - LENGTH 12.74 - SINGLE UNIT, FUSION BONDED EPOXY COATED-WATER/SEWER APPLICATIONS 2 STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)</td>
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<td>080</td>
<td>COUPLING, 12&quot;, MIN RANGE 12.75-13.30, FITS DI, CI, PVC, PVC-IPS, HDPE, - LENGTH 13.30- SINGLE UNIT, FUSION BONDED EPOXY COATED-WATER/SEWER APPLICATIONS 2 STAINLESS STEEL BOLTS (ON EACH END) STAB TYPE INSTALLATION (NO DISASSEMBLY REQUIRED)</td>
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<tr>
<td>091</td>
<td>COUPLING, TRANSITION 10&quot;, DUCTILE IRON - BOLTED COUPLING TO HAVE O.D RANGE OF (10.20-10.55) X (10.89-11.40), GASKETS SUPPLIED MUST BE NEOPRENE (BUNA) COMPOUNDED FOR SEWER SERVICE, COUPLING TO MEET ASTM A536-80 &amp; AWWA C111-80</td>
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<td>109</td>
<td>COUPLING, TRANSITION -DUCTILE IRON (MEETING ASTM A 536-80)- BOLTED COUPLING TO REDUCE DOWN FROM 10.75 OD TO 10.39 OD - GASKETS SUPPLIED WITH COUPLING MUST BE NEOPRENE (BUNA) COMPOUNDED FOR SEWER SERVICE</td>
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<td>118</td>
<td>COUPLING, TRANSITION 10&quot;, LENGTH 12&quot;, DUCTILE IRON (MEETING ASTM A 536-80)-BOLTED COUPLING, O.D. ONE END TO BE 10.89-11.40, O.D. OTHER END TO BE 11.80-12.12, GASKET SUPPLIED W/COUPLING MUST BE NEOPRENE (BUNA) COMPOUNDED FOR SEWER SERVICE</td>
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<tr>
<td>127</td>
<td>COUPLING, STRAIGHT - MINIMUM O.D. RANGES TO BE 11.10-11.60 ONE END AND 11.10- 11.60 OTHER END, SLEEVES TO BE DUCTILE IRON (CTR RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS OR BUNA N RUBBER GASKETS.</td>
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COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 11.10-11.60 ONE END AND 11.65-11.88 OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS) HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS. GRADE 30 GASKETS.

SMITH BLAIR
441-11881160-900

COUPLING, TRANSITION - COUPLING RANGES TO BE 11.10-11.60 O.D. ONE END AND 11.90 -12.20 O.D. OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS) HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS.

SMITH BLAIR
441-12201160-900

COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 13.20-13.50 ONE END AND 13.20-13.50 OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER AND END RINGS) HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS.

FORD
FC1-1356-1356

SMITH BLAIR
441-14201350-900

COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 13.20-13.50 O.D. ONE END AND 13.90-14.20 O.D. OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS.

SMITH BLAIR
441-14401350-900

COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 13.20-13.50 O.D. ONE END AND 14.21-14.40 O.D. OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS.

ROMAC INDUSTRIES
501-14401350700
PUD-FITTINGS

**FTGEE**

**Item** Description: COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 15.30-15.70 O.D. ONE END AND 15.30-15.70 O.D. OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY BOLTS AND NUTS, GRADE 30 GASKETS.

**ROMAC INDUSTRIES**

501

**Item** Description: COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 17.40-17.80 O.D. ONE END AND 17.40-17.80 O.D. OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS. ROMAC INDUSTRIES

501

**Item** Description: COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 17.40-17.80 O.D. ONE END AND 18.46-18.90 O.D. OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS. JCM

212-1780-1740

**Item** Description: COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 17.32-17.50 O.D. ONE END AND 17.72-17.94 O.D. OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS.

**Item** Description: COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 19.10-19.70 O.D. ONE END AND 19.70-20.25 O.D. OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS.

**FORD**

PC2A-1970-2025

**ROMAC INDUSTRIES**

501
### PUD-FITTINGS

**FTGEE**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<th>ROMAC INDUSTRIES</th>
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<tbody>
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<td></td>
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<td>FC2A-2175-2225</td>
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<tr>
<td>280</td>
<td>COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 24.75-25.30 ON BOTH ENDS OF THE COUPLING. SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS.</td>
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<td>Romac Industries</td>
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<tr>
<td>286</td>
<td>COUPLING, STRAIGHT - MINIMUM O.D. RANGES TO BE 25.00-25.80 ONE END &amp; 25.00-25.80 OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS.</td>
<td>FC2A-2580-2580</td>
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<td>FC2A-2580-2632</td>
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<tr>
<td>298</td>
<td>COUPLING, TRANSITION - MINIMUM O.D. RANGES TO BE 25.00-25.80 O.D. ONE END AND 26.10-26.32 O.D. OTHER END, SLEEVES TO BE DUCTILE IRON (CENTER RING AND END RINGS), HIGH STRENGTH LOW ALLOY STEEL BOLTS AND NUTS, GRADE 30 GASKETS.</td>
<td>FC2A-2580-2632</td>
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<td>FC2A-2610-2632</td>
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## PUD-FITTINGS

### FTGEE

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<th>Description</th>
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<tbody>
<tr>
<td>400</td>
<td>COUPLING, CAST - 42&quot;, 3 FT. LENGTH, FUSION BONDED EPOXY INSIDE AND OUT (FOR SEWER USE), EPOXY MUST CONFORM TO AWWA C213. STAINLESS STEEL BOLTS, NUTS AND WASHERS. 150 PSI RATING (MINIMUM). O.D. RANGE TO BE 44.20-44.50 (MIN). TWO (2) GASKETS</td>
</tr>
<tr>
<td>450</td>
<td>COUPLING, CAST - 54&quot;, 3 FT. LENGTH, FUSION BONDED EPOXY INSIDE AND OUT (FOR SEWER USE), EPOXY MUST CONFORM TO AWWA C213. STAINLESS STEEL BOLTS, NUTS AND WASHERS. 150 PSI RATING (MINIMUM). O.D. RANGE TO BE 56.66-57.10 (MIN). TWO (2) GASKETS</td>
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<tr>
<td>600</td>
<td>SLEEVE, DUCTILE IRON, 4&quot;, MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL</td>
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<tr>
<td>620</td>
<td>SLEEVE, DUCTILE IRON, 6&quot;, MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL</td>
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<tr>
<td>640</td>
<td>SLEEVE, DUCTILE IRON, 8&quot;, MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL</td>
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### PUD-FITTINGS

#### FTGEE

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<tr>
<td>660</td>
<td>SLEEVE, DUCTILE IRON, 10&quot;, MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL</td>
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<tr>
<td>680</td>
<td>SLEEVE, DUCTILE IRON, 12&quot;, MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL</td>
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<tr>
<td>850</td>
<td>SLEEVE, DUCTILE IRON, 16&quot;, MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL</td>
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<td>860</td>
<td>SLEEVE, DUCTILE IRON, 18&quot;, MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL</td>
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<tr>
<td>870</td>
<td>SLEEVE, DUCTILE IRON, 20&quot;, MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL</td>
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<tr>
<td>880</td>
<td>SLEEVE, DUCTILE IRON, 30&quot;, MECHANICAL JOINT, 10-MIL EPOXYLINED, (TO BE SUPPLIED WITHOUT ACCESSORIES), UNION, TYLER, US PIPE, OR EQUAL</td>
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PUD-FITTINGS

FTGEE

Item Description: SLEEVE, DUCTILE IRON, 36", MECHANICAL JOINT, 10-MIL EXPOXYLINED, TO BE SUPPLIED WITHOUT ACCESSORIES

Item Description: SLEEVE, DUCTILE IRON, 48", MECHANICAL JOINT, 10-MIL EXPOXYLINED, TO BE SUPPLIED WITHOUT ACCESSORIES

FTGEG

Item Description: SLEEVE, PIPE, DUCTILE IRON, 12 INCH, MECHANICAL JOINT, POLY LINED.

Item Description: SLEEVE, MJ, DUCTILE 24", 10-MIL EPOXY LINED.

Item Description: REDUCER, DUCTILE 6" X 4", MJ, 40 MIL EPOXY LINED, WITHOUT ACCESSORIES

Item Description: CLAMP, TRANSITION - SEWER CLAMP COUPLING CLAMP TO BE 25.80 ON ONE END AND 27.35-28.55 ON OTHER END.

ROMAC INDUSTRIES
LSS3
PUD-FITTINGS

FTGEG

Item Description: INACTIVATE UPON DEPLETION - REDUCER, DUCTILE 10" X 4", MJ, 40 MIL EPOXY LINED, WITHOUT ACCESSORIES

FTGIP

Item Description: NO LEAD COUPLING, COMPRESSION, 1", CTS COMP X IPS COMP COUP.

FUSES

FUSSU

Item Description: FUSE, 3 AMP, 250 VAC, ONE-TIME CARTRIDGE TYPE BUSSMAN P/N NON-3

Item Description: FUSE, 5 A, 250 V, ONE-TIME, CARTRIDGE TYPE BUSSMAN P/N NON-5 GOULD SHAWMUT P/N OT-5N
## FUSES

### FUSSU

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>BUSSMANN</th>
<th>CEFCO</th>
<th>CHASE SHAWMUT CO.</th>
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<tr>
<td>038</td>
<td>FUSE, 6 AMPS, 250 VAC, CARTRIDGE TYPE, ONE-TIME</td>
<td>NON-6-</td>
<td>OT6/250</td>
<td>OT-6</td>
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<tr>
<td>008</td>
<td>FUSE, ONE TIME, 10 AMP RATING, 250 VOLT FERRULE TYPE</td>
<td>NON-10</td>
<td>OT10/250</td>
<td>OT-10</td>
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<th>CHASE SHAWMUT CO.</th>
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<tbody>
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<td>009</td>
<td>FUSE, ONE TIME, 15 AMP RATING, 250 VOLT FERRULE TYPE</td>
<td>NON-15</td>
<td>OT15/250</td>
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<tr>
<td>010</td>
<td>FUSE, ONE TIME, 20 AMP RATING, 250 VOLT FERRULE TYPE</td>
<td>NON-20</td>
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<td>OT-20</td>
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### PUD-GAUGES

**GAGAA**

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<tr>
<th>Item</th>
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<th>U.S. GAUGE</th>
<th>Wika</th>
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<tr>
<td>070</td>
<td>GAUGE, STAINLESS STEEL, GLYCERIN FILLED, 2-1/2&quot;, 0-100 PSI, 1/4&quot;, 656 SERIES STAINLESS STEEL LOWER MOUNT CONNECTION</td>
<td>256010LG</td>
<td>9833574</td>
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### PUD-GASKETS

**GKTAA**

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<tbody>
<tr>
<td>070</td>
<td>GASKET, TRANSITION 3&quot; - MJ X IPS GASKET, GASKET IS USED IN STD. MECHANICAL JOINT FITTING FOR USE ON IRON PIPE SIZE PIPE (STEEL PIPE), GASKET TO BE CONSTRUCTED OF VIRGIN SBR MEETING ASTM D2000 3 BA715</td>
<td>TG3</td>
<td>MJGAST03</td>
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<tr>
<td>071</td>
<td>GASKET, TRANSITION 4&quot; - MJ X IPS GASKET, GASKET IS USED IN STD. MECHANICAL JOINT FITTINGS FOR USE ON IRON PIPE SIZE PIPE (STEEL PIPE), GASKET TO BE CONSTRUCTED OF VIRGIN SBR MEETING ASTM D-2000 3 BA715.</td>
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<th>Item</th>
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<th>Sigma</th>
<th>Star</th>
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<tbody>
<tr>
<td>077</td>
<td>GASKET, TRANSITION 6&quot; - MJ X IPS GASKET, GASKET ISSUED IN STD. MECHANICAL JOINT FITTINGS FOR USE ON IRON PIPE SIZE PIPE (STEEL PIPE), GASKET TO BE CONSTRUCTED OF VIRGIN SBR MEETING ASTM D-2000 3 BA715.</td>
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<tr>
<td>735</td>
<td>GASKET, TRANSITION 8&quot; - MJ X IPS GASKET, GASKET ISSUED IN STD. MECHANICAL JOINT FITTINGS FOR USE ON IRON PIPE SIZE PIPE (STEEL PIPE), GASKET TO BE CONSTRUCTED OF VIRGIN SBR MEETING ASTM D-2000 3 BA715.</td>
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<td>743</td>
<td>GASKET, TRANSITION 10&quot; - MJ X IPS GASKET GASKET IS USED IN STD. MECHANICAL JOINT FITTINGS FOR USE ON IRON PIPE SIZE PIPE (STEEL PIPE), GASKET TO BE CONSTRUCTED OF VIRGIN SBR MEETING ASTM D-2000 3 BA715.</td>
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<tr>
<td>751</td>
<td>GASKET, TRANSITION 12&quot; - MJ X IPS GASKET GASKET IS USED IN STD. MECHANICAL JOINT FITTINGS FOR USE ON IRON PIPE SIZE PIPE (STEEL PIPE), GASKET TO BE CONSTRUCTED OF VIRGIN SBR MEETING ASTM D-2000 3 BA715.</td>
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<td>768</td>
<td>GASKET, TRANSITION 16&quot; - MJ X IPS GASKET GASKET IS USED IN STD. MECHANICAL JOINT FITTINGS FOR USE ON IRON PIPE SIZE PIPE (STEEL PIPE), GASKET TO BE CONSTRUCTED OF VIRGIN SBR MEETING ASTM D-2000 3 BA715.</td>
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### HARDWARE

#### HDWTW

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<tr>
<td>020</td>
<td>TWINE, NYLON, SIZE NO. 21, 0.065&quot; DIA., 887 FT SPOOL, 215 LB TENSILE STRENGTH,</td>
<td>AAM STRAND ROPES</td>
<td>50700</td>
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<td>PURITAN MILLS INC.</td>
<td>10497</td>
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<td>R.F. EDER CO.</td>
<td>62116</td>
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#### PUD-HOSE & FITTINGS

#### HSEAA

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<th>Item</th>
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<tbody>
<tr>
<td>000</td>
<td>HOSE, AIR 3/4&quot; 50', 250 PSI, PIPE THREAD SHORT SHANK BRASS CONNECTORS, MALE ONE END/FEMALE ONE END</td>
<td>FLEXTRAL</td>
<td>010</td>
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<td>GOODYEAR</td>
<td>AR15-075UX050YW</td>
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<tbody>
<tr>
<td>010</td>
<td>HOSE, AIR, 3/4&quot; X 50', 250 PSI, W/UNIVERSAL CONNECTORS (#AM-6) EACH END</td>
<td>FLEXTRAL</td>
<td>AM6</td>
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<tr>
<td>050</td>
<td>CONNECTOR, QUICK DISCONNECT 3/4&quot; AIR UNIVERSAL #AM6</td>
<td>UNIVERSAL VALVE</td>
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<table>
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<tr>
<td>100</td>
<td>COUPLING, HOSE 3&quot; - FEMALE QUICK DISCONNECT X HOSE SHANK, ALUMINUM CONSTRUCTION. EVER-TITE PART &quot;C&quot; COUPLER OR EQUAL</td>
<td>UNIVERSAL VALVE</td>
<td>AM6</td>
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# PUD-HOSE & FITTINGS

## HSEBB

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<th>Item</th>
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<tbody>
<tr>
<td>110</td>
<td>COUPLING, HOSE 3&quot; - QUICK DISCONNECT, MALE ADAPTER X HOSE SHANK, ALUMINUM CONSTRUCTION. EVER-TITE PART &quot;E&quot; OR EQUAL.</td>
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<tr>
<td>120</td>
<td>COUPLING, HOSE 4&quot; - QUICK DISCONNECT, FEMALE COUPLING X FEMALE THREAD, ALUMINUM CONSTRUCTION. EVER-TITE PART &quot;D&quot;.</td>
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<tr>
<td>130</td>
<td>COUPLING, HOSE 4&quot; - QUICK DISCONNECT, FEMALE QUICK DISCONNECT COUPLER ON ONE END, MALE THREAD ON OTHER END, ALUMINUM CONSTRUCTION. EVER-TITE SEAL FAST B</td>
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<td>140</td>
<td>COUPLING, HOSE 4&quot; - QUICK DISCONNECT, FEMALE QUICK DISCONNECT COUPLER ON ONE END, HOSE SHANK ON OTHER END, ALUMINUM CONSTRUCTION. EVER-TITE SEAL FAST C</td>
</tr>
<tr>
<td>150</td>
<td>COUPLING, HOSE 4&quot; - QUICK DISCONNECT, MALE ADAPTER (FOR QUICK DISCONNECT) ON ONE END, HOSE SHANK ON OTHER END, ALUMINUM CONSTRUCTION. EVER-TITE SEAL FAST E</td>
</tr>
<tr>
<td>155</td>
<td>COUPLING, HOSE 4&quot; - QUICK DISCONNECT, MALE ADAPTER (FOR QUICK DISCONNECT) ON ONE END, MALE THREAD ON OTHER END, ALUMINUM CONSTRUCTION. EVER-TITE SEAL FAST F</td>
</tr>
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</table>
PUD—HOSE & FITTINGS

HSEBB

Item | Description
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160 | COUPLING, HOSE 6" - QUICK DISCONNECT, MALE ADAPTER (FOR QUICK DISCONNECT) ON ONE END, MALE THREAD ON OTHER END, ALUMINUM CONSTRUCTION. EVER-TITE OR SEAL FAST PART "F"
170 | COUPLING, HOSE 6" - QUICK DISCONNECT, FEMALE QUICK DISCONNECT COUPLER ON ONE END, HOSE SHANK ON OTHER END, ALUMINUM CONSTRUCTION.
175 | COUPLING, HOSE 6" - QUICK DISCONNECT, FEMALE COUPLING X FEMALE THREAD, ALUMINUM CONSTRUCTION. EVER-TITE OR EQUAL
180 | COUPLING, HOSE 6" - QUICK DISCONNECT, MALE ADAPTER (FOR QUICK DISCONNECT) ON ONE END, HOSE SHANK ON OTHER END, ALUMINUM CONSTRUCTION. EVER-TITE OR SEAL FAST
199 | COUPLING, ADAPTER - 3", MALE ADAPTER X FEMALE THREAD, PART A, FOR USE WITH QUICK DISCONNECT COUPLINGS, ALUMINUM CONSTRUCTION. EVER-TITE OR EQUAL

Item | Description
--- | ---
A | GUIDE, FLEXIBLE HOSE, AQUATECH SERIES "C", COMBINATION SEWER JET AND SUCTION UNIT

TIGERTAIL

1456
### PUD-HOSE & FITTINGS

#### HSECC

<table>
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<th>Item</th>
<th>Description</th>
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<th>PRIMELINE-GRAY</th>
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<tr>
<td>000</td>
<td>HOSE, DISCHARGE - 3&quot; X 50 FT., WITH MALE QUICK DISCONNECT ALUMINUM COUPLING ON ONE END AND FEMALE QUICK DISCONNECT ALUMINUM COUPLING ON OTHER END.</td>
<td>GOODYEAR</td>
<td>PRIMELINE-GRAY</td>
</tr>
<tr>
<td>020</td>
<td>HOSE, DISCHARGE - 4&quot; X 50 FT., WITH MALE QUICK DISCONNECT ALUMINUM COUPLING ON ONE END AND FEMALE QUICK DISCONNECT ALUMINUM COUPLING ON OTHER END. GOODYEAR GRAY PRIMELINE HOSE ONLY</td>
<td>GOODYEAR</td>
<td>PRIMELINE-GRAY</td>
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<tr>
<td>030</td>
<td>HOSE, DISCHARGE, 4&quot; X 300', 45 LB. WORK PRESSURE, 1 EACH = 300 FOOT ROLL, PURCHASE BY THE EACH.</td>
<td>GOODYEAR</td>
<td>KURIYAMA</td>
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<td>PRIMELINE-GRAY</td>
<td>VF400</td>
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<tr>
<td>040</td>
<td>HOSE, DISCHARGE, 6&quot; X 300', 35 LB. WORK PRESSURE.</td>
<td>GOODYEAR</td>
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<tr>
<td>112</td>
<td>COUPLING, ADAPTER - 4&quot;, MALE ADAPTER X FEMALE THREAD, PART A, FOR USE WITH QUICK DISCONNECT COUPLINGS, ALUMINUM CONSTRUCTION.</td>
<td>EVER-TITE</td>
<td>PART-A</td>
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<tr>
<td>124</td>
<td>COUPLING, ADAPTER - 6&quot;, MALE ADAPTER X FEMALE THREAD, PART A, FOR USE WITH QUICK DISCONNECT COUPLINGS, ALUMINUM CONSTRUCTION.</td>
<td>EVER-TITE</td>
<td>PART-A</td>
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PUD-HOSE & FITTINGS

HSECC

Item  Description:  COUPLING, HOSE 3" - QUICK DISCONNECT, FEMALE COUPLING X FEMALE THREAD, ALUMINUM CONSTRUCTION. EVER-TITE OR EQUAL
136

EVER-TITE
PART-D

Item  Description:  STRAINER, HOSE 3" - STEEL STRAINER FOR USE ON 3" SUCTION HOSE. BASKET TYPE STRAINER IS USED TO KEEP SOLIDS LARGER THAN 3/8" FROM ENTERING SUCTION HOSE. STRAINER IS TO HAVE FEMALE THREAD FOR CONNECTION TO SUCTION HOSE.
151

Item  Description:  STRAINER, HOSE 4" - STEEL STRAINER FOR USE ON 4" SUCTION HOSE. BASKET TYPE STRAINER IS USED TO KEEP SOLIDS LARGER THAN 3/8" FROM ENTERING SUCTION HOSE. STRAINER IS TO HAVE FEMALE THREAD FOR CONNECTION TO SUCTION HOSE.
163

Item  Description:  INACTIVE - STRAINER, HOSE 6" - STEEL STRAINER FOR USE ON 6" SUCTION HOSE. BASKET TYPE STRAINER IS USED TO KEEP SOLIDS LARGER THAN 7/8" FROM ENTERING SUCTION HOSE. STRAINER IS TO HAVE FEMALE THREAD FOR CONNECTION TO SUCTION HOSE.
176

HSEDD

Item  Description:  HOSE, FIRE - 1-1/2" X 50', SINGLE JACKET ROCKER LUGS ON FEMALE AND MALE. EXTRUDED ALUMINUM COUPLINGS. NST THREAD. NATIONAL STYLE OR EQUAL
010

ALL AMERICAN HOSE  NATIONAL FIREHOSE CORP.
5P15X50W15N  5P15X50W15N
PUD-HOSE & FITTINGS

HSEDD

Item Description: HOSE, FIRE - 2-1/2" X 50', SINGLE JACKET, ROCKER LUGS ON FEMALE AND MALE. EXTRUDED ALUMINUM COUPLINGS. NST THREAD.
020

ALL AMERICAN HOSE
6P25X50W25N

HSEEE

Item Description: HOSE, GASKET RUBBER 3" - FOR QUICK DISCONNECT COUPLING.
108

Item Description: GASKET, KAM LOCK HOSE RUBBER 4", FOR QUICK DISCONNECT COUPLING
126

Item Description: HOSE, GASKET RUBBER 6" FOR QUICK DISCONNECT COUPLINGS.
147

HSEHH

Item Description: HOSE, SUCTION - 3" X 20', LONG, HEAVY DUTY, STANDARD STEEL NIPPLE ON ONE END, FEMALE QUICK DISCONNECT COUPLING ON OTHER END (EVER-TITE PART "C" OR EQUAL), 1 C/S 2-BOLT SPIRAL CLAMP ON EACH HOSE END, (SHIP IN COILED FORM)
720

KANAFLEX
KANALINE SR
PUD-HOSE & FITTINGS

HSEHH

**Item** | **Description:** HOSE, SUCTION-4"X 20', LONG, HEAVY DUTY, STANDARD STEEL NIPPLE ON ONE END, ALUMINUM FEMALE QUICK DISCONNECT COUPLING ON OTHER END (EVER-TITE PART "C" OR EQUAL), DOUBLE BOLT STEEL CLAMPS ON EACH END. (SHIP IN COILED FORM),

**Item** | **Description:** HOSE, SUCTION-6"X20', LONG, HEAVY DUTY, STANDARD STEEL NIPPLE ON ONE END, FEMALE QUICK DISCONNECT COUPLING ON OTHER END (EVER-TITE PART "C" OR EQUAL), DOUBLE CARBON STEEL BOLTED CLAMPS ON EACH END.

KANAFLEX

KANALINE SR-4

KANAFLEX

KANALINE SR-6

PUD-FIRE HYDRANTS & PARTS

HYDAA

**Item** | **Description:** VALVE, BOTTOM, FIRE HYDRANT AMERICAN DARLING

**Item** | **Description:** INACTIVE - GASKET, NEOPRENE, FIRE HYDRANT, 1/8" THICK X 5-5/16" I.D. X 6-13/16" O.D. 60 DURO 3-1/6" HOLES

**Item** | **Description:** LEVER, DRAIN, FIRE HYDRANT, AMERICAN DARLING #5031
## PUD–FIRE HYDRANTS & PARTS

### HYDAA

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>126</td>
<td>EXTENSION, FIRE HYDRANT, 6&quot;, FOR AMERICAN DARLING MARK 73 HYDRANT, 4-1/2&quot; &amp; B84B5, 5-1/4&quot; VALVE OPENING W/STAINLESS STEEL BOLTS.</td>
<td>AMERICAN DARLING 8005959</td>
</tr>
<tr>
<td>135</td>
<td>EXTENSION, FIRE HYDRANT, 18&quot;, FOR AMERICAN DARLING MARK 73 HYDRANT, 4-1/2&quot; &amp; B84B5, 5-1/4&quot; VALVE OPENING W/STAINLESS STEEL BOLTS.</td>
<td>AMERICAN DARLING 8005961</td>
</tr>
<tr>
<td>140</td>
<td>EXTENSION, FIRE HYDRANT, 24&quot;, FOR AMERICAN DARLING MARK 73 HYDRANT, 4-1/2&quot; &amp; B84B5, 5-1/4&quot; VALVE OPENING W/STAINLESS STEEL BOLTS.</td>
<td>AMERICAN DARLING 8005962</td>
</tr>
<tr>
<td>150</td>
<td>EXTENSION, FIRE HYDRANT, 12&quot;, FOR AMERICAN DARLING MARK 73 HYDRANT, 4-1/2&quot; &amp; B84B5, 5-1/4&quot; VALVE OPENING W/STAINLESS STEEL BOLTS.</td>
<td>AMERICAN DARLING 8005960</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>205</td>
<td>REPAIR KIT, FIRE HYDRANT, 4-1/2&quot;</td>
<td>AMERICAN DARLING MARK 73</td>
</tr>
</tbody>
</table>

### HYDBB

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>INACTIVATE UPON DEPLETION - EXTENSION 4-1/2&quot; X 6&quot;, FOR CLOW F-2500 FIRE HYDRANT</td>
<td>CLOW F-2500</td>
</tr>
</tbody>
</table>
PUD-FIRE HYDRANTS & PARTS

HYDBB

**Item** | **Description** |
---|---|
020 | EXTENSION 18", CLOW 4-1/2 FOR FIRE HYDRANT F-2500 |
| CLOW | F-2500 |

**Item** | **Description** |
---|---|
030 | KIT, REPAIR, BREAKAWAY FLANGE FOR CLOW F-2500, 4-1/2", FIRE HYDRANT. |
| CLOW | R-1620562 |

**Item** | **Description** |
---|---|
053 | KIT, TRAFFIC REPAIR, BREAKAWAY FLANGE KIT FOR CLOW 4-1/2" FIRE HYDRANT. FOR CLOW MODEL F-2545. |
| CLOW | R-1620652 |

**Item** | **Description** |
---|---|
054 | KIT, TRAFFIC REPAIR, BREAKAWAY FLANGE KIT FOR AVK 5-1/4" FIRE HYDRANT. |
| AMERICAN AVK COMPANY | 27-150-75 |

HYDDD

**Item** | **Description** |
---|---|
250 | GREASE, FIRE HYDRANT, AMERICAN FLOW CONTROL HYDRANT GREASE (FOOD GRADE), 1 LB. CAULK TUBE "ORDER BY DESCRIPTION" |
| AMERICAN FLOW CONTROL | Clarion | KEYSTONE LUBRICANTS |
| NOT APPROVED | 655699009-NLGI-NO.2 | 441636T |
| Mystik | FG-2 |

**Item** | **Description** |
---|---|
300 | NUT, HOLD DOWN FIRE HYDRANT, 4-1/2" M & H, FOR 1988 OR NEWER HYDRANTS. ** NO SUBSTITUTE ** |
| M & H | 446760 |
PUD-FIRE HYDRANTS & PARTS

HYDDD

Item  Description:  NUT, OPERATING FIRE HYDRANT, 4-1/2" M & H, OPEN RIGHT. FOR 1997 OR NEWER HYDRANTS.  *** NO SUBSTITUTE ***  
305    M & H  
        446754

Item  Description:  NUT, OPERATING FIRE HYDRANT, 4-1/2" VALVE OPENING, US PIPE FIRE HYDRANT.  
330    U.S. PIPE  
        13

HYDEE

Item  Description:  LUBRICANT, FIRE HYDRANT - ALL WEATHER HYDRANT LUBRICATING OIL, 10.5 OZ.  
040    MUELLER  
       A-51

Item  Description:  INACTIVATE UPON DEPLETION - NUT, HOLD DOWN FIRE HYDRANT, MUELLER, FOR 1988 OR NEWER HYDRANTS.  
050    MUELLER  
       146502

Item  Description:  INACTIVATE UPON DEPLETION - NUT, OPERATING FIRE HYDRANT, MUELLER, FOR 1988 OR NEWER HYDRANTS.  
060    MUELLER  
       146467

Item  Description:  O-RING FOR TOP BONNET, MUELLER FIRE HYDRANT  
070    MUELLER  
       190348
PUD-FIRE HYDRANTS & PARTS

HYDEE

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>100</td>
<td>EXTENSION KIT, FIRE HYDRANT, 12&quot; - KIT FOR MUELLER 4-1/2&quot; FIRE HYDRANT, KIT INCLUDES: BARREL EXTENSION, STEEL STEM COUPLING, SOLID FLANGE, STAINLESS STEEL CLEVIS PINS, STAINLESS STEEL COTTER PINS, GASKET, BOLTS, NUTS AND CAN OF HYDRANT LUBRI</td>
</tr>
</tbody>
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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>110</td>
<td>KIT, EXTENSION FIRE HYDRANT, 18&quot; - 18&quot; EXTENSION KIT FOR MUELLER 4-1/2&quot; FIRE HYDRANT, KIT TO INCLUDE: BARREL EXTENSION, STEEL STEM COUPLING, SOLID FLANGE, STAINLESS STEEL CLEVIS PINS, STAINLESS STEEL COTTER PINS, GASKET, BOLTS AND NUTS, CAN</td>
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</tbody>
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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>124</td>
<td>KIT, EXTENSION FIRE HYDRANT, 6&quot; - 6&quot; EXTENSION KIT FOR MUELLER 4-1/2&quot; FIRE HYDRANT, KIT TO INCLUDE: BARREL EXTENSION, STEEL STEM COUPLING, SOLID FLANGE, STAINLESS STEEL CLEVIS PINS, STAINLESS STEEL COTTER PINS, GASKET, BOLTS AND NUTS, CAN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>KIT, REPAIR, FIRE HYDRANT, 4-1/2&quot;, SAFETY FLANGE REPAIR KIT, (FOR CENTURIAN FIRE HYDRANT) WITH STEEL COUPLING (OLD MUELLER #A-24095). (FOR HYDRANTS MANUFACTURED AFTER 1972)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>140</td>
<td>RING, SEAT FIRE HYDRANT 4-1/2&quot;, MUELLER #H87</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>170</td>
<td>VALVE, MAIN FIRE HYDRANT 4-1/2&quot;, MUELLER #195800 (OLD #H88)</td>
</tr>
</tbody>
</table>

MUELLER

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<td>A300</td>
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MUELLER

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<th>Item</th>
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<td>H87</td>
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MUELLER

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>195800</td>
<td></td>
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</table>
### PUD–FIRE HYDRANTS & PARTS

#### HYDEE

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>AMERICAN FLOW CONTROL</th>
<th>M &amp; H MULLE R US PIPE</th>
</tr>
</thead>
</table>
| 190  | HYDRANT, FIRE, 5 1/4" VALVE OPENING, 3' BURY DEPTH. SUPPLIED W/O ACCESSORIES, YELLOW, 1-1/2" PENTAGON (5-SIDED) OPERATING NUTS, OPEN LEFT, ASSEMBLY NUTS AND BOLTS SHALL BE 304 STAINLESS STEEL, HYDRANTS MUST BE FORKLIFT ACCESSIBLE. | B-84-B  
2780 - 3'  
M&H  
129TYNL - 3' | 129TY - 3'  
US PIPE  
MET M94 - 3' |
| 200  | HYDRANT, FIRE, 5 1/4" VALVE OPENING, 3-1/2' BURY DEPTH, SUPPLIED W/O ACCESSORIES, YELLOW, 1 1/2" PENTAGON (5-SIDED) OPERATING NUTS, OPEN LEFT, ASSEMBLY NUTS AND BOLTS SHALL BE 304 STAINLESS STEEL, HYDRANTS MUST BE FORKLIFT ACCESSIBLE. | B-84-B  
2780 - 3 1/2'  
M&H  
129TYNL - 3-1/2' | 129TY - 5-1/4" X 3-1/2'  
US PIPE  
MET M94 - 3 - 1/2' |
| 210  | HYDRANT, FIRE, 5 1/4" VALVE OPENING, 4' BURY DEPTH, SUPPLIED W/O ACCESSORIES, YELLOW, 1-1/2" PENTAGON (5-SIDED) OPERATING NUTS, OPEN LEFT, ASSEMBLY NUTS AND BOLTS SHALL BE 304 STAINLESS STEEL, HYDRANTS MUST BE FORKLIFT ACCESSIBLE. | B-84-B  
2780 - 4'  
M&H  
129TYNL - 5-1/4" X 4' | 129 - 5-1/4" X 4'  
US PIPE  
MET M94 - 4' |
**PUD–FIRE HYDRANTS & PARTS**

**HYDEE**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>220</td>
<td>HYDRANT, FIRE, 5 1/4&quot; VALVE OPENING, 4-1/2' BURY DEPTH, SUPPLIED W/O ACCESSORIES, YELLOW, 1/2&quot; PENTAGON (5-SIDED) OPERATING NUTS, OPEN LEFT, ASSEMBLY BOLTS AND NUTS SHALL BE 304 STAINLESS STEEL, HYDRANTS MUST BE FORKLIFT ACCESSIBLE.</td>
</tr>
</tbody>
</table>

**HYDFF**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>KIT, REPAIR FIRE HYDRANT 5-1/4&quot; MUELLER #A-301-00 WITH BRASS COUPLING</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>005</td>
<td>PACKAGE, MAINTENANCE FIRE HYDRANT 5&quot; PACER, WATEROUS #K449, PACKAGE IN PLASTIC CASES.</td>
</tr>
<tr>
<td>020</td>
<td>KIT, EXTENSION 12&quot; FIRE HYDRANT WATEROUS WB67</td>
</tr>
<tr>
<td>030</td>
<td>KIT, EXTENSION FIRE HYDRANT, 18&quot; HIGH 5&quot; DIA., WATEROUS #WB67</td>
</tr>
<tr>
<td>040</td>
<td>KIT, REPAIR MAINTENANCE FIRE HYDRANT WATEROUS WB67</td>
</tr>
</tbody>
</table>
PUD-FIRE HYDRANTS & PARTS

HYDFF

Item   Description:  KIT, REPAIR - FIRE HYDRANT, TRAFFIC KIT, FOR WATEROUS WB67 5", FOR WATEROUS HYDRANTS MANUFACTURED AFTER JUNE, 1980; PART #K528
         050 WATEROUS
         WB67 #K528

Item   Description:  KIT, REPAIR - FIRE HYDRANT, TRAFFIC KIT, FOR WATEROUS WB67 5", FOR WATEROUS HYDRANTS MANUFACTURED PRIOR TO JUNE, 1980; PART #K525
         060 WATEROUS
         WB67 #K525

KIT, EXTENSION, FIRE HYDRANT 6", WATEROUS WT/77D, WATEROUS #K479-6
         100 WATEROUS
         WT/77D #K479-6

KIT, EXTENSION, FIRE HYDRANT 12", WATEROUS WT/77D
         150 WATEROUS
         WT/77D

KIT, REPAIR, TRAFFIC, YELLOW.
         200 WATEROUS
         WT/77D

COUPLING, HALF - FIRE HYDRANT, STEM COUPLING FOR WATEROUS FIRE HYDRANT, (2 PER SET)
         202 WATEROUS
         WT/77D #14

ARM, CROSS, FOR WATEROUS TREND FIRE HYDRANT, WATEROUS REFERENCE #26, CROSS ARM TO BE BRONZE ONLY, FOR TREND #WT-77 HYDRANT.
         205 WATEROUS
         WT-77 #26
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDFF</td>
<td>INACTIVATE UPON DEPLETION - ARM, CROSS, FOR WATEROUS PACER FIRE HYDRANT, WATEROUS REFERENCE #30, CROSS ARM TO BE BRONZE ONLY, FOR PACER WB67 HYDRANT.</td>
</tr>
<tr>
<td>WATEROUS</td>
<td>WB67 #72042 REF #30</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
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<tr>
<td>------</td>
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</tr>
<tr>
<td>HYDGG</td>
<td>INACTIVATE UPON DEPLETION - MAIN VALVE, FIRE HYDRANT, FOR WATEROUS # WB-67 PACER FIRE HYDRANT, HARD RUBBER</td>
</tr>
<tr>
<td>WATEROUS</td>
<td>WB67 #62023 REF #35</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
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</tr>
<tr>
<td>Item</td>
<td>CAP GASKET, PUMPER NOZZLE, 4.5&quot; DIAMETER RUBBER ASTM D2000, MUST FIT THE FOLLOWING FIRE HYDRANT CAPS, M&amp;H, CLOW, MUELLER, KENNEDY AND U.S. PIPE,</td>
</tr>
<tr>
<td>M &amp; H</td>
<td>210162</td>
</tr>
<tr>
<td>Item</td>
<td>CAP GASKET, HOSE NOZZLE, 2.5&quot; DIA., RUBBER ASTM D2000, MUST FIT THE FOLLOWING FIRE HYDRANT HOSE CAPS, M &amp; H, CLOW, MUELLER, KENNEDY AND U.S. PIPE</td>
</tr>
<tr>
<td>M &amp; H</td>
<td>210041</td>
</tr>
<tr>
<td>Item</td>
<td>WRENCH, FIRE HYDRANT, UNIVERSAL, ADJUST-ABLE. WRENCH TO FIT PENTAGON NUTS TO 1-1/2&quot; AND SQUARE NUTS UP TO 1-1/4&quot;. SPANNER TO FIT LUG AND PIN STYLES OF HOSE COUPLINGS. 16&quot; LONG X 7/8&quot; DIAMETER HANDLE. HEAVY DUCTILE IRON HEAD.</td>
</tr>
<tr>
<td>RED HEAD</td>
<td>TRUMBLE</td>
</tr>
<tr>
<td>107</td>
<td>377-5960</td>
</tr>
<tr>
<td>Item</td>
<td>KIT, EXTENSION FIRE HYDRANT, 6&quot; EXTENSION FOR USE ON KENNEDY #81A HYDRANT W/4-1/2&quot; OPENING</td>
</tr>
<tr>
<td>043</td>
<td></td>
</tr>
</tbody>
</table>
PUD-FIRE HYDRANTS & PARTS

HYDGG

Item  Description:  KIT, EXTENSION FIRE HYDRANT, 12" EXTENSION FOR USE ON KENNEDY #81A HYDRANT W/4-1/2" OPENING
051

Description:

Item  Description:  INACTIVATE UPON DEPLETION - KIT, REPAIR, FIRE HYDRANT, TRAFFIC REPAIR KIT FOR KENNEDY #81A HYDRANT W/4-1/2" OPENING (#K8149)
062

Description:

Item  Description:  KIT, REPAIR - TRAFFIC REPAIR KIT FOR U.S. PIPE METROPOLITAN MODEL FIRE HYDRANT, 4-1/2" VALVE OPENING FOR HYDRANTS MADE PRIOR TO 1994.
100

US PIPE
668619

Description:

Item  Description:  INACTIVATE UPON DEPLETION - KIT, EXTENSION - 6", EXTENSION KIT FOR U.S. PIPE METROPOLITAN MODEL FIRE HYDRANT, 4 1/2" VALVE OPENING
110

Description:

Item  Description:  INACTIVATE UPON DEPLETION - KIT, EXTENSION - 12", EXTENSION KIT FOR U.S. PIPE METROPOLITAN MODEL FIRE HYDRANT, 4 1/2" VALVE OPENING
121

Description:

Item  Description:  INACTIVATE UPON DEPLETION - KIT, EXTENSION, FIRE HYDRANT, 6" - AVK HYDRANT, 5-1/4" VALVE OPENING
126

AMERICAN AVK COMPANY
27-150-70000
PUD-FIRE HYDRANTS & PARTS

HYDGG

Item  Description:  INACTIVATE UPON DEPLETION - KIT, EXTENSION, FIRE HYDRANT, 12" - AVK HYDRANT, 5-1/4" VALVE OPENING.
130

AMERICAN AVK COMPANY
27-150-70100

Item  Description:  INACTIVATE UPON DEPLETION - KIT, EXTENSION 6" - EXTENSION KIT FOR M&H MODEL #129 FIRE HYDRANT (VALVE OPENING 4 1/2")
200

Item  Description:  KIT, EXTENSION, 6", FOR M&H MODEL #129 FIRE HYDRANT, 5-1/4" VALVE OPENING.
201  M & H
441129-6"

Item  Description:  KIT, EXTENSION 12" - EXTENSION KIT FOR M&H MODEL #129 FIRE HYDRANT (4-1/2" VALVE OPENING)
211

Item  Description:  KIT, EXTENSION 12" - FOR M&H MODEL #129 FIRE HYDRANT, 5-1/4" VALVE OPENING.
212  M & H
441129-12"

Item  Description:  KIT, TRAFFIC REPAIR - REPAIR KIT FOR M&H MODEL #129 FIRE HYDRANT, FOR 1996 AND NEWER HYDRANT (4-1/2" VALVE OPENING)
223

Item  Description:  KIT, TRAFFIC REPAIR - FOR M&HMODEL #129 FIRE HYDRANT, 5-1/4" VALVE OPENING. (1996 OR NEWER).
224  M & H
442129
### PUD–FIRE HYDRANTS & PARTS

**HYDGG**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>225</td>
<td>KIT, TRAFFIC REPAIR, FOR US PIPE METROPOLITAN MODEL FIRE HYDRANT W \ 5-1/4&quot; BARREL FOR HYDRANTS MADE IN 1994 AND AFTER.</td>
</tr>
</tbody>
</table>

**US PIPE**

- 26, 27, 28, 30, 31

**Item**

- Inactivate upon depletion – KIT, extension, – 12" for US Pipe Metropolitan Model Fire Hydrant W \ 5-1/4" barrel.

**US PIPE**

- 664519

**HYDRF**

**Item**

- Hydrant raised pavement marker, blue two-way reflector w/adhesive pad attached, 4.00"L x 4.00"W x 0.68"H, 45 per carton
JANITORIAL SUPPLIES

JANBG

Item  Description:  BAG, GARBAGE, PLASTIC, 24" X 23", 1.5 MIL, 500 EACH PER CASE  
007

JANCT

Item  Description:  RAGS, ALL WHITE, 100% COTTON, BATH TOWEL TERRY, NO BLENDED MATERIAL ACCEPTED - 25 LB BOX  
001

AMERICAN WIPERS INC.  INDUSTRIAL SOLUTIONS

OBD  IS135

JANSO

Item  Description:  SOAP, BATH, DEODORANT, 2-1/2 OZ. BAR, INDIVIDUALLY WRAPPED,  200 P/CASE  
001  PROCTER AND GAMBLE  DIAL  SAFEGUARD

Item  Description:  SOAP, HAND, W/PUMICE, 4-OZ. INDIVIDUALLY WRAPPED,  
003  PROCTER AND GAMBLE  10383
## JANITORIAL SUPPLIES

### JANTI

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<th>Description</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>TISSUE, TOILET, 4.25&quot; X 3/.94&quot; OR 4.5&quot; X 4.5&quot;, 2-PLY, 500 OR 550 SHEETS, 80 OR 96 EACH PER CASE, FACIAL QUALITY, (QUOTE PER EACH, NOT PER CASE)</td>
<td>003</td>
<td>TOWEL, PAPER, SINGLE FOLD, BLEACHED, 16 PACKS PER CASE, 250-TOWELS PER PACK,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FORT JAMES 19800</td>
<td>GEORGIA PACIFIC TM-6120</td>
<td>KIMBERLY-CLARK 0446</td>
<td>KIMBERLY-CLARK 1700</td>
<td>SCA SB1840</td>
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</tbody>
</table>
### LABORATORY SUPPLIES

**LABSE**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>053</td>
<td>Rotor, Pump Assembly for ISCO 3710 Sampler</td>
<td>ISCO, Environmental Division</td>
</tr>
<tr>
<td></td>
<td></td>
<td>602704019</td>
</tr>
</tbody>
</table>

**LAMPS**

**LAMFL**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>002</td>
<td>Lamp, Fluorescent, Cool White, 34 or 40 Watts, 48” Length, T-12 Bulb Size, 20,000 Appr. Hours Life</td>
<td>General Electric Co.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Phillips Lighting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sylvania</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F34CWX/SS</td>
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<tr>
<td></td>
<td></td>
<td>F40CW/RS/EW-II</td>
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<tr>
<td></td>
<td></td>
<td>F40CW/SS</td>
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**LAMUV**

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<th>Item</th>
<th>Description</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>Lamp, Trojan UV4000, 28-Inch, Used on WWTP UV Disinfecting System</td>
<td>Trojan Technologies</td>
</tr>
<tr>
<td></td>
<td></td>
<td>441169-028</td>
</tr>
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</table>

**PUD-LUBRICANTS**

**LBRCC**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>060</td>
<td>Oil, Motor 30W Non-Detergent <strong>Screw Top, Re-Usable Quart Container Only</strong></td>
<td>Makita</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T-00745</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>180</td>
<td>Oil, Synthetic Engine, 2 Cycle 50: 1, 2.6 Ounce Container, 48 Cans/Per Case</td>
<td>Makita</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T-00745</td>
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PUD-LUBRICANTS

LBRCC

<table>
<thead>
<tr>
<th>Item</th>
<th>Description:</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>240</td>
<td>OIL, GRUNDO, FOR 3&quot; GRUNDOBUST LUBRICATOR, ONE GAL. CONTAINER ONLY, <strong>NO SUBSTITUTE</strong></td>
<td>TT TECHNOLOGIES</td>
</tr>
<tr>
<td></td>
<td></td>
<td>70231-15</td>
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</tbody>
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LOCKS

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<table>
<thead>
<tr>
<th>Item</th>
<th>Description:</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>PADLOCK, BRASS, STAMPED &quot;JEA II&quot;, 1-1/2&quot; SHANK OPENING, KEYED TO C26353, 9/32&quot; DIAMETER SHANK</td>
<td>HERCULES INDUSTRIES INC.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>700B-1 1/2&quot;</td>
</tr>
<tr>
<td>002</td>
<td>PADLOCK, BRASS, 7/8&quot; SHANK OPENING, KEYED TO C26353, 9/32&quot; DIAMETER SHANK, LOCK BODY SHALL BE STAMPED &quot;JEA II&quot;</td>
<td>HERCULES INDUSTRIES INC.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>700B-7/8&quot; JEAI</td>
</tr>
</tbody>
</table>

LIGHTING & ACCESSORIES

LTGLN

<table>
<thead>
<tr>
<th>Item</th>
<th>Description:</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>LANTERN, HAND, 6 VOLT BRIGHT STAR MODEL #2005 Q, WORK CTR 1-6.</td>
<td>BRIGHT STAR INDUSTRIES INC.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2208</td>
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</table>
## LUBRICANTS

### LUBLU

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Supplier</th>
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<tbody>
<tr>
<td>165</td>
<td>LUBRICANT, PENETRATING &amp; RUST SOLVENT HIGH PRESSURE AEROSOL CAN, PB BLASTER</td>
<td>BLASTER CHEMICAL COMPANY</td>
</tr>
<tr>
<td></td>
<td>**<em>NO SUBSTITUTE WITHOUT PRIOR APPROVAL</em></td>
<td>GATEWAY CHEMICALS INC.</td>
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### LUBOI

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>020</td>
<td>OIL, HOUSEHOLD, 3-IN-1 OIL, 3 OUNCE CAN</td>
<td>WD-40</td>
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<tr>
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</table>
METERS & ACCESSORIES

METSE

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>006</td>
<td>SEAL, METER, YELLOW, PADLOCK STYLE, STAINLESS STEEL HASP, JEA LOGO, WHITE WRITE-ON BLOCK (PACKAGE IN BOX OF 100 EACH W/ BAR CODE), (SEALS TO BE NUMBERED SEQUENTIALLY) REQUIRES JEA SPECIFICATION</td>
<td>AMERICAN CASTING 8001-S/S-WP-LAB-YLW</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BROOKS SECURITY PRODUCTS 6180040-6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PLASTIC DESIGN TECHNOLOGY PADSJEA-YELLOW</td>
</tr>
</tbody>
</table>

PUD-MANHOLE MATERIAL

MHLAA

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>RING, ROUND, 40&quot; O.D. X 31&quot; I.D. ANGLE, 3/4&quot; TO 1-3/4&quot;</td>
<td>CRETEX SEALS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>40-31A-100</td>
</tr>
<tr>
<td>004</td>
<td>BASE, MANHOLE HOLE ANGLE 0 DEGREE, 90 DEGREE, 180 DEGREE, 270 DEGREE, 12&quot; HOLES, 2 FT HEIGHT, CONCRETE COATED WITH CON-SEAL(CS)-55 OR EQUAL, TONGUE &amp; GROOVE ONLY. 7 DEGREE ANGLE ON JOINTS - NO SUBSTITUTE</td>
<td>HANSON PIPE</td>
</tr>
<tr>
<td></td>
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<td>BY DESCRIPTION</td>
</tr>
<tr>
<td>010</td>
<td>RING, 40 X 31 X 3/4&quot; FLAT GRADE RING</td>
<td>CRETEX SEALS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>40-31G-075-F</td>
</tr>
<tr>
<td>025</td>
<td>COLLARS, MANHOLE, HDPE SLOPING ADJUSTING RINGS, 32&quot; INSIDE DIAMETER BY 2 1/2&quot; TO 1 1/2&quot; SLOPE, APPROX. WEIGHT 6 LBS., DOMESTIC,</td>
<td>LADTECH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>32F300</td>
</tr>
<tr>
<td>030</td>
<td>COLLAR, MANHOLE, 24&quot; X 36&quot; X 3&quot; <strong>3&quot; THICKNESS ONLY - NO SUBSTITUTE</strong></td>
<td></td>
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</tbody>
</table>
PUD-MANHOLE MATERIAL

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<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>035</td>
<td>COLLARS, MANHOLE, HDPE ADJUSTING RINGS, 32&quot; INSIDE DIAMETER BY 2&quot; TALL, DOMESTIC, APPROX. WEIGHT 6 LBS.</td>
</tr>
<tr>
<td>050</td>
<td>COLLARS, MANHOLE, PRECAST CONCRETE 32 X 44 X 2&quot; (48&quot; OVERALL DIAMETER COLLARS ARE ALSO ACCEPTABLE)</td>
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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>070</td>
<td>COLLARS, MANHOLE, PRECAST CONCRETE 32 X 44 X 4&quot; (48&quot; OVERALL DIAMETER COLLARS ARE ALSO ACCEPTABLE)</td>
</tr>
</tbody>
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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>080</td>
<td>CONE, MANHOLE, 1 FT., CONCRETE TO BE COATED WITH CON-SEAL (CS)-55 (OR EQUAL) ** CONES TO HAVE MALE TYPE TONGUE &amp; GROOVE ONLY** 7 DEGREE ANGLE JOINTS.</td>
</tr>
</tbody>
</table>

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>090</td>
<td>CONE, MANHOLE, 2 FT., 2 FT. HEIGHT, 4 FT. BASE, 2 FT. 8 IN. TOP, COATED WITH CON-SEAL (CS)-55 OR EQUAL ** CONES TO HAVE MALE TYPE TONGUE &amp; GROOVE ONLY, 7 DEGREE ANGLE JOINTS</td>
</tr>
</tbody>
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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>097</td>
<td>CONE, MANHOLE, 3 FT., 3 FT HEIGHT, 4 FT BASE 2 FT 8 IN. TOP, COATED WITH CON-SEAL (CS)-55 (OR EQUAL) CONES TO HAVE MALE TYPE TONGUE &amp; GROOVE ONLY, 7 DEGREE ANGLE JOINTS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HANSON PIPE</th>
<th>STANDARD PRECAST</th>
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</thead>
<tbody>
<tr>
<td>BY DESCRIPTION</td>
<td>BY DESCRIPTION</td>
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<tr>
<th>HANSON PIPE</th>
<th>STANDARD PRECAST</th>
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<tbody>
<tr>
<td>BY DESCRIPTION</td>
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<tr>
<th>HANSON PIPE</th>
<th>STANDARD PRECAST</th>
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<tr>
<td>BY DESCRIPTION</td>
<td>BY DESCRIPTION</td>
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</tbody>
</table>
PUD-MANHOLE MATERIAL

MHLAA

**Item**  | **Description:**
--- | ---
100 | COUPLING, MANHOLE 6" - PVC COUPLING FOR SDR26 PIPE, PIPE LENGTH MIN. 8 INCHES, COUPLING TO HAVE EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE TO THE PVC COUPLING, EXTERIOR AGGREGATE TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.

110 | COUPLING, MANHOLE 8", PVC COUPLING FOR SDR26 PIPE, PIPE LENGTH MIN. 8" COUPLING TO HAVE PERMANENT EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE TO THE PVC COUPLING EXTERIOR AGGREGATED TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.

120 | COUPLING, MANHOLE 10" - PVC COUPLING FOR SDR26 PIPE, PIPE LENGTH MIN 8", COUPLING TO HAVE EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE TO THE PVC COUPLING, EXTERIOR AGGREGATE TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.

130 | COUPLING, MANHOLE 12" - PVC COUPLING FOR SDR26 PIPE, PIPE LENGTH MIN 8", COUPLING TO HAVE EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE TO THE PVC COUPLING, EXTERIOR AGGREGATE TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.

140 | COUPLING, MANHOLE 15" - PVC COUPLING FOR SDR26 PIPE, PIPE LENGTH MIN 8", COUPLING TO HAVE EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE TO THE PVC COUPLING, EXTERIOR AGGREGATE TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.
PUD-MANHOLE MATERIAL

MHLAA

**Item Description:** COUPLING, MANHOLE, 6", PVC COUPLING FOR DR18 PIPE, PIPE LENGTH MIN 8", COUPLING TO HAVE PERMANENT EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE TO THE COUPLING, COUPLING TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES.

**Item Description:** COUPLING, MANHOLE, 8", PVC COUPLING FOR DR18 PIPE, COUPLING TO HAVE PERMANENT EXTERIOR EPOXY BONDED AGGREGATE TEXTURIZED TO ADHERE COUPLING, COUPLING TO PROVIDE BONDING SURFACE FOR GROUTING PURPOSES. NO ASBESTOS COUPLINGS ALLOWED BELLED X B

**Item Description:** COVER, MANHOLE, NEW STYLE, COVER TO HAVE NEW "JEA" LOGO AS PER CURRENT GREY IRON CASTING BID. JEA STANDARD PLATE S-1. (SANITARY) NEW PLATE ONLY *** NO ALTERNATES OR SUBSTITUTES *** US FOUNDRY & MFG., OR EAST JORDAN IRON WORKS.

**Item Description:** COVER AND FRAME, MANHOLE, (ASSEMBLED) W/NEOPRENE GASKET 60 DUROMETER AND PROTECTIVE SKIRT, COVER TO HAVE NEW JEA LOGO JEA STANDARD PLATE S-1, **U.S. FOUNDRY & MFG. OR EAST JORDAN IRON WORKS INC. **

**Item Description:** COVER, CUSHION MANHOLD QUICK FIT Q-30
PUD-MANHOLE MATERIAL

MHLAA

Item | Description: | TOP, SLAB MANHOLE (FLAT TOP) 8" THICK, 58" WIDTH W/KEYWAY, TONGUE & GROOVE, 32" HOLE OFFSET, ALL SURFACES OTHER THAN JOINING SURFACES TO BE COATED WITH CON-SEAL (CS)-55 (OR EQUAL) TOP TO HAVE MALE TONGUE & GROOVE

Item | Description: | MANHOLE, SAFETYHOOK, 5/6"X36", TEMPERED STEEL SIX SIDES POLYGONE 5/8"X3" HOOK. HOOK TO HAVE SQUARED END. * NO SUBSTITUTE* NOTE: MANHOLE SAFETYHOOK HAVE BEEN SPECIALLY DESIGNED FOR THE CITY JACKSONVILLE,

LEETONIA TOOL COMPANY
SAFETYHOOK

Item | Description: | SEALANT, JOINT, MANHOLE (RAM NEK), 20 PCS PER BOX, EACH PIECE TO BE 1-1/2" WIDTH X 3-1/2' LENGTH, DENSITY OF SEALANT TO BE A MINIMUM OF 22.5 CUBIC INCH PER LINEAL FT. SELANT TO BE PACAKAGED 20 PIECES PER BOX. RAM NEK, CONSEAL, GULF STATES AS

Item | Description: | KIT REPAIR, TOOLS, KIT TO INCLUDE WIRE BRUSH, GASKET ROLLER, GASKET KNIFE AND INSTRUCTION SHEET. ITEMS TO COME IN A BOXED KIT FORM.

U.S. FOUNDRY
TRS-KIT-2

Item | Description: | RISER, MANHOLE, 48" X 2', CONCRETE TO BE COATED WITH CON-SEAL (CS)-55 (OR EQUAL), 7 DEGREE ANGLE JOINTS

HANSON PIPE | STANDARD PRECAST
BY DESCRIPTION | BY DESCRIPTION
**PUD-MANHOLE MATERIAL**

**MHLAA**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>280</td>
<td>RISER, MANHOLE, 48&quot; X 3', CONCRETE TO BE COATED WITH CON-SEAL (CS) - 55 (OR EQUAL), 7 DEGREE ANGLE JOINTS</td>
</tr>
</tbody>
</table>

**HANSON PIPE**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>293</td>
<td>RISER, MANHOLE, 48&quot; X 4', CONCRETE TO BE COATED WITH CON-SEAL (CS) - 55 OR EQUAL, 7 DEGREE ANGLE JOINTS</td>
</tr>
</tbody>
</table>

**STANDARD PRECAST**

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>325</td>
<td>BASE, MANHOLE HOLE ANGLE 0 DEGREE, 90 DEGREE, 180 DEGREE, 270 DEGREE, 12&quot; HOLES, 2 FT HEIGHT BY 5 FT IN DIAMETER, CONCRETE COATED WITH KOPPERS 300M EPOXY COATING, 7 DEGREE ANGLE JOINTS.</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>340</td>
<td>RISER, MANHOLE, 60&quot; X 2', CONCRETE TO BE COATED WITH KOPPERS 300M EPOXY COATING, 7 DEGREE ANGLE JOINTS.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>450</td>
<td>MANHOLE FRAME &amp; COVER, BOLT-DOWN TYPE, WATERTIGHT, COVER TO UTILIZE FOUR BOLTS FRAME &amp; COVER TO COME COMPLETE WITH BOLTS AND GASKET. CITY OF JACKSONVILLE COVER. U.S. FOUNDRY #655-CF-BWT</td>
</tr>
</tbody>
</table>

**U.S. FOUNDRY**

655-CF-BWT
**PUD-MANHOLE MATERIAL**

**MHLBA**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>INACTIVBOLT, ANCHOR ASSEMBLY, BOLT STAINLESS STEEL MASONRY ANCHOR , ASSEMBLY TO BE SUPPLIED COMPLETE W/1-3/8&quot; X 1&quot; 18-8 STAINLESS STEEL BOLT , 3/8&quot; STAINLESS STEEL WASHER, LEAD TAM- IN ANCHOR. USED TO SECURE ITEMS MHLDB006 &amp; MHLDB008. NO SUB</td>
<td></td>
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<td></td>
<td>DURAN INC.</td>
<td>SEE DESC</td>
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**MHLDB**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>006</td>
<td>BOWL, DROP, MANHOLE, MARINE GRADE FIBERGLASS W/ WHITE GELCOAT, 12&quot; QUARTER SPHERE W/ 6&quot; OUTLET, TO PROVIDE CONTAINMENT FOR INCOMING MATERIAL. *** NO SUBSTITUTES ***</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DURAN INC.</td>
<td>A6DB</td>
</tr>
<tr>
<td>007</td>
<td>INACTIVE - HOOD, FORCE LINE, (SPLASH GUARD) FOR 6&quot; DROP BOWELS, TO BE SUPPLIED W\ (4) ¼&quot; X ¾&quot; SS CAP SCREWS AND LOCKNUTS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DURAN INC.</td>
<td>AHOOD</td>
</tr>
<tr>
<td>008</td>
<td>BOWL, DROP, MANHOLE, MARINE GRADE FIBERGLASS W/ WHITE GELCOAT, 18&quot; QUARTER SPHERE W/ 8&quot; OUTLET, TO PROVIDE CONTAINMENT FOR INCOMING MATERIAL *** NO SUBSTITUTES ***</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DURAN INC.</td>
<td>B8DB</td>
</tr>
<tr>
<td>009</td>
<td>INACTIVE - HOOD, FORCE LINE, (SPLASH GUARD) FOR 8&quot; DROP BOWELS, TO BE SUPPLIED W\ (4) ¼&quot; X ¾&quot; SS CAP SCREWS AND LOCKNUTS</td>
<td></td>
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<td>DURAN INC.</td>
<td>BHOOD</td>
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</tbody>
</table>
PUD-MANHOLE MATERIAL

MHLFB

Item Description: MANHOLE, LINER, FIBERGLASS, 42" OD X 8 FEET LONG, 3/8" MIN WALL THICKNESS, ONE PIECE
058 CONSTRUCTION W / BARREL & CONCENTRIC CORBEL WITH 30" OPENING, 16,000 LB RATED (AASHO-H20). "DELIVER ON OPEN FLAT BED"

CONTAINMENT SOLUTIONS L.F. MANUFACTURING
ORDER BY DESCRIPTION ORDER BY DESCRIPTION

Item Description: MANHOLE, LINER, FIBERGLASS, 42" OD X 10 FEET LONG, 3/8" MIN WALL THICKNESS, ONE PIECE
070 CONSTRUCTION W / BARREL & CONCENTRIC CORBEL WITH 30" OPENING, 16,000 LB RATED (AASHO-H20). "DELIVER ON OPEN FLAT BED"

CONTAINMENT SOLUTIONS L.F. MANUFACTURING
ORDER BY DESCRIPTION ORDER BY DESCRIPTION

Item Description: MANHOLE, LINER, FIBERGLASS, 42" OD X 4 FEET LONG, 3/8" MIN WALL THICKNESS, ONE PIECE
080 CONSTRUCTION W / BARREL & CONCENTRIC CORBEL WITH 30" OPENING, 16,000 LB RATED (AASHO-H20). "DELIVER ON OPEN FLAT BED"

CONTAINMENT SOLUTIONS L.F. MANUFACTURING
ORDER BY DESCRIPTION ORDER BY DESCRIPTION

Item Description: MANHOLE, LINER, FIBERGLASS, 42" OD X 12 FEET LONG, 3/8" MIN WALL THICKNESS, ONE PIECE
082 CONSTRUCTION W / BARREL & CONCENTRIC CORBEL WITH 30" OPENING, 16,000 LB RATED (AASHO-H20). "DELIVER ON OPEN FLAT BED"

CONTAINMENT SOLUTIONS L.F. MANUFACTURING
ORDER BY DESCRIPTION ORDER BY DESCRIPTION

Item Description: MANHOLE, LINER, FIBERGLASS, 42" OD X 15 FEET LONG, 3/8" MIN WALL THICKNESS, ONE PIECE
095 CONSTRUCTION W / BARREL & CONCENTRIC CORBEL WITH 30" OPENING, 16,000 LB RATED (AASHO-H20). "DELIVER ON OPEN FLAT BED"

CONTAINMENT SOLUTIONS L.F. MANUFACTURING
ORDER BY DESCRIPTION ORDER BY DESCRIPTION
### PUD-MANHOLE MATERIAL

#### MHLSE

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>CANUSA</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>002</td>
<td>WRAPID SEAL, ROLL SHALL BE 6&quot; WIDE X 50 LINEAR FOOT, COLOR - BLACK</td>
<td>WS-6-50</td>
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<tr>
<td>004</td>
<td>WRAPID SEAL, ROLL SHALL BE 12&quot; WIDE X 50 LINEAR FOOT, COLOR - BLACK</td>
<td>WS-12-50</td>
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<tr>
<td>005</td>
<td>WRAPID SEAL, ROLL SHALL BE 18&quot; WIDE X 50 LF, COLOR BLACK</td>
<td>WS-18-50</td>
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<td>010</td>
<td>WRAPID SEAL PRIMER, SHALL BE IN A ONE GALLON CONTAINER, COLOR: SILVER.</td>
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<tr>
<td>012</td>
<td>WRAPID SEAL CLOSURE, SHALL BE 6&quot; WIDE, COLOR - BLACK, USED TO HOLD IN PLACE WRAPID SEAL MATERIAL (ID #MHL-SE-002), DURING THE HEAT SHRINK PROCESS</td>
<td>CLS-6</td>
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<tr>
<td>014</td>
<td>WRAPID SEAL ENCLOSURE, SHALL BE 12&quot; WIDE, COLOR - BLACK, USED TO HOLD IN PLACE WRAPID SEAL MATERIAL (ID #MHL-SE-004) DURING THE HEAT SHRINK PROCESS</td>
<td>CLS-12</td>
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<td>015</td>
<td>WRAPID SEAL CLOSURE, SHALL BE 18&quot; WIDE, COLOR BLACK.</td>
<td>CLS-18</td>
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## PUD-METERS

### MTEAA

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<thead>
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<th>Item</th>
<th>Description</th>
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<tr>
<td>010</td>
<td><strong>TEST REQD</strong> METER, WATER 5/8&quot; - LOW LEAD SRII METER, PLASTIC DIVISION PLATE, BRONZE BOTTOM PLATE/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6' TRPL CBL 3-WIRE, MFG S/N=REG ID</td>
<td>SX1X338P1GAXX0D</td>
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<tr>
<td>012</td>
<td><strong>TEST REQD</strong> METER, WATER 5/8&quot; X 1/2&quot;, ENVIRO-BRASS (NO-LEAD), POSITIVE DISPLACEMENT, 0.1 GALLON, 8 WHEEL, ROCKSYN CHAMBER, BRONZE or Polymer BOTTOM W/ STAINLESS STEEL BOLTS, 6 FOOT WIRE W/ TRPL ADAPTER, GLASS ELINX REGISTER</td>
<td>P11-A31-A16-0106A-5</td>
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<tr>
<td>014</td>
<td><strong>TEST REQD</strong> METER, WATER 5/8&quot; X 1/2&quot; - LOW LEAD BADGER RECORDALL METER, PLASTIC DIVISION PLATE, PLASTIC BOTTOM PLATE/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6' CBL 3-WIRE, MFG S/N=REG ID</td>
<td>P11-A31-A16-0126A-5</td>
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<td>015</td>
<td><strong>TEST REQD</strong> METER, WATER 5/8&quot; X 3/4&quot; - LOW LEAD SRII METER, PLASTIC DIVISION PLATE, BRONZE BOTTOM PLATE/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6' TRPL CBL 3-WIRE, MFG S/N=REG ID</td>
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### BADGER METER

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<tr>
<td>016</td>
<td><strong>TEST REQD</strong> METER, WATER 5/8&quot; X 3/4&quot; - LOW LEAD SRII METER, PLASTIC DIVISION PLATE, BRONZE BOTTOM PLATE/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6' TRPL CBL 3-WIRE, MFG S/N=REG ID</td>
<td>SX2X338P1GAXX0D</td>
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### SENSUS TECHNOLOGIES

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<td>010</td>
<td>INACTIVE <em><strong>DO NOT ORDER PER WATER METER SERVICES 2014</strong></em> METER, WATER, 5/8 X 3/4S IPERL, 0.1G 7.5&quot; LL 8 WHL 1A 6' TRPL CBL 3-WIRE</td>
<td>I5X8GAXX</td>
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**TEST REQD** METER, WATER 5/8" X 3/4", ENVIRO-BRASS (NO-LEAD), POSITIVE DISPLACEMENT, 0.1 GALLON, 8 WHEEL, ROCKSYN CHAMBER, BRONZE or Polymer BOTTOM W/ STAINLESS STEEL BOLTS, 6 FOOT WIRE W/ TRPL ADAPTER, GLASS ELINX REGISTER

**TEST REQD** METER, WATER 5/8" X 3/4" - LOW LEAD BADGER RECORDALL METER, PLASTIC DIVISION PLATE, PLASTIC BOTTOM PLATE/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6' CBL 3-WIRE, MFG S/N=REG ID

**TEST REQD** METER, WATER 3/4" - LOW LEAD SRII METER, PLASTIC DIVISION PLATE, BRONZE BOTTOM PLATE/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6'TRPL CBL 3-WIRE, MFG S/N=REG ID.

INACTIVE***DO NOT ORDER PER BRANDON COTTRELL 1/24/2014***METER, WATER, 3/4 IPERL, 0.1G 8WHL 1A 6'TRPL CBL 3-WIRE

**TEST REQD** METER, WATER 3/4 INCH, ENVIRO-BRASS (NO-LEAD), POSITIVE DISPLACEMENT, 0.1 GAL, 8 WHEEL, ROCKSYN CHAMBER, BRONZE OR POLYMER BOTTOM W/ S.S. BOLTS, 6 FT WIRE W/ TRPL ADAPTER, GLASS ELINX REGISTER.

**TEST REQD** METER, WATER 3/4" X 3/4", ENVIRO-BRASS (NO-LEAD), POSITIVE DISPLACEMENT, 0.1 GALLON, 8 WHEEL, ROCKSYN CHAMBER, BRONZE or Polymer BOTTOM W/ STAINLESS STEEL BOLTS, 6 FOOT WIRE W/ TRPL ADAPTER, GLASS ELINX REGISTER
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<td>024</td>
<td><strong>TEST REQD</strong> METER, WATER 3/4&quot; - LOW LEAD BADGER RECORDALL METER, PLASTIC DIVISION PLATE, BRONZE BOTTOM PLATE/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6' CBL 3-WIRE, MFG S/N=REG ID.</td>
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<td>030</td>
<td><strong>TEST REQD</strong> METER, WATER 1&quot; - LOW LEAD SRII METER, PLASTIC DIVISION PLATE, BRONZE BOTTOM PLATE/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6' TRPL CBL 3-WIRE, MFG S/N=REG ID.</td>
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<tr>
<td>031</td>
<td>INACTIVE<em><strong>DO NOT ORDER PER BRANDON COTTRELL 1/24/2014</strong></em> METER, WATER, 1&quot; IPERL, 0.1 GAL 8 WHL 1A 6' TRPL CBL 3-WIRE</td>
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<td>032</td>
<td><strong>TEST REQD</strong> METER, WATER 1 INCH, ENVIRO-BRASS (NO-LEAD), POSITIVE DISPLACEMENT, 0.1 GAL, 8 WHEEL, ROCKSYN CHAMBER, BRONZE or Polymer BOTTOM W/ S. S. BOLTS, 6 FT WIRE W/ TRPL ADAPTER, GLASS ELINX REGISTER.</td>
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<tr>
<td>034</td>
<td><strong>TEST REQD</strong> METER, WATER 1&quot; - LOW LEAD BADGER RECORDALL METER, PLASTIC DIVISION PLATE, BRONZE BOTTOM PLATE/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6' CBL 3-WIRE, MFG S/N=REG ID.</td>
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**BADGER METER**

**SENSUS TECHNOLOGIES**

**MASTER METER**

**BADGER METER**

101-9558
### PUD-METERS

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<td>100</td>
<td>METER, COMPOUND 3&quot; - OMNI C2, COMPOUND LAY LENGTH, TEST RISER WITH BALL VALVE ONLY, 1 GALLON PULSE, 1 GALLON 8 WHEEL TOTAL, S/N=REG ID</td>
<td>C33TXXXG1AT0X</td>
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<tr>
<td>110</td>
<td>METER, COMPOUND 4&quot; - OMNI C2 COMPOUND LAY LENGTH, TEST RISER WITH BALL VALVE ONLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL, S/N=REG ID</td>
<td>C43TXXXG1AT0X</td>
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<tr>
<td>115</td>
<td>METER, COMPOUND 6&quot; - OMNI C2, COMPOUND LAY LENGTH, TEST RISER WITH BALL VALVE ONLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL, S/N=REG ID</td>
<td>C63TXXXG1AT0X</td>
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<td>120</td>
<td>METER, FIRE SERVICE, 10&quot; - OMNI F2, COMPACT FIRE LINE LAY LENGTH, TEST RISER WITH BALL VALVE ONLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL, S/N=REG ID</td>
<td>FACTXXXG1AT0X</td>
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<td>160</td>
<td>METER, FIRE SERVICE, 6&quot; - OMNI F2, COMPACT FIRE LINE LAY LENGTH, TEST RISER WITH BALL VALVE ONLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL, S/N=REG ID</td>
<td>P6CTXXXG1AT0X</td>
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<td>170</td>
<td>METER, FIRE SERVICE 8&quot; - OMNI F2, COMPACT FIRE LINE LAY LENGTH, TEST RISER WITH BALL VALVE ONLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL, S/N=REG ID</td>
<td>P8CTXXXG1AT0X</td>
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### Water and Wastewater Master Material Catalog

**PUD-METERS**

**MTEAA**

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<tr>
<td>175</td>
<td>METER, TURBINE 8&quot; - OMNI T2, TURBO LAY LENGTH, TEST RISER WITH BALL VALVE ONLY, 10 GALLON PULSE, 10 GALLON 8 WHL TOTAL, S/N=REG ID</td>
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<tr>
<td>180</td>
<td>METER, TURBINE 10&quot; - OMNI T2, TURBO LAY LENGTH, TEST RISER WITH BALL VALVE ONLY, 10 GALLON PULSE, 10 GALLON 8 WHL TOTAL, S/N=REG ID</td>
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<td>194</td>
<td><strong>TESTING REQUIRED</strong> METER, WATER 2&quot; - OMNI T2, TURBO LAY LENGTH, 1 GALLON PULSE, 1 GALLON 8 WHEEL TOTAL, S/N=REG ID</td>
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<tr>
<td>207</td>
<td>METER, TURBINE 3&quot;, COLD WATER. SCREWED END CONNECTIONS, STANDARD GALLON REGISTER. FOR JEA FIRE HYDRANT METER ASSEMBLY</td>
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**SENSUS TECHNOLOGIES**

- T81TXXXG1AT0X
- TAIITXXXG1AT0X
- T21TXXXG1AT0X

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<td>208</td>
<td><strong>TESTING REQUIRED</strong> METER, WATER 2&quot; - OMNI T2, 10&quot; LAY LENGTH, 1 GALLON PULSE, 1 GALLON 8 WHEEL TOTAL, S/N=REG ID</td>
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**SENSUS TECHNOLOGIES**

- T25TXXXG1AT0X
- W-160S
## PUD-METERS

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<tr>
<td>210</td>
<td>METER, BRONZE FLANGED (NO LEAD), 2&quot; SET, W- (4) 3/4&quot; DIAMETER X 2 1/2&quot; SS LONG BOLTS/NUTS</td>
<td>250</td>
<td>METER, WATER 4&quot; - OMNI T2, TURBO LAY LENGTH, 1 GALLON PULSE, 1 GALLON 8 WHEEL TOTAL, S/N=REG ID</td>
<td>270</td>
<td><strong>TESTING REQUIRED</strong> METER, WATER 3/4&quot; - LOW LEAD SRII METER, NO DRINK, PLASTIC DIVISION PLATE, BRONZE BOTTOM PLATE/STAINLESS/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6'TRPL CBL 3-WIRE, MFG S/N=REG ID</td>
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<td>271</td>
<td><strong>TESTING REQUIRED</strong> METER, WATER 3/4&quot; - LOW LEAD SRII METER, NO DRINK, PLASTIC DIVISION PLATE, BRONZE BOTTOM PLATE/STAINLESS/STAINLESS STEEL CAP SCREWS, ELECTRONIC REGISTER TRPL, 0.1 GALLONS 8 WHL, 6'TRPL CBL 3-WIRE, MFG S/N=REG ID</td>
<td></td>
<td>INACTIVE<em><strong>DO NOT ORDER PER BRANDON COTTRELL 1/24/2014</strong></em>METER, RECLAIMED WATER, 3/4 IPERL, 0.1G 8WHL 1A 6'TRPL CBL 3-WIRE, &quot;RECLAIMED WATER NO-DRINK&quot;</td>
<td></td>
<td><strong>TEST REQD</strong> METER, WATER 3/4 INCH RECLAIMED, ENVIRO-BRASS (NO-LEAD), POSITIVE DISPLACEMENT, 0.1 GALLON, 8 WHEEL, ROCKSYN CHAMBER, BRONZE BOTTOM or Polymer W/ STAINLESS STEEL BOLTS, 6 FOOT WIRE W/ TRPL ADAPTER, GLASS ELINX REGISTER</td>
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<td>P14-A31-F16-0126A-5</td>
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<td>P14-A31-F16-0106A-5</td>
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</table>
**Test Required** Meter, Water 3/4" - Low Lead Badger Recordall Meter, No Drink, Plastic Division Plate, Bronze Bottom Plate/Stainless/Stainless Steel Cap Screws, Electronic Register TRPL, 0.1 Gallons 8 WHL, 6' CBL 3-WIRE, MFG S/N=REG ID

**Test Required** Meter, Water 1" - Low Lead SRII Meter, No Drink, Plastic Division Plate, Bronze Bottom Plate/Stainless Steel Cap Screws, Electronic Register TRPL, 0.1 Gallons 8 WHL, 6'TRPL CBL 3-WIRE, MFG S/N=REG ID

**Test Required** Meter, Water 1" - Low Lead Badger Recordall Meter, No Drink, Plastic Division Plate, Bronze Bottom Plate/Stainless/Stainless Steel Cap Screws, Electronic Register TRPL, 0.1 Gallons 8 WHL, 6' CBL 3-WIRE, MFG S/N=REG ID

Inactive ***Do Not Order Per Brandon Cottrell 1/24/2014*** Meter, Reclaimed Water, 1" IPERL, 0.1G 8WHL 1A 6'TRPL CBL 3-WIRE, "Reclaimed No Drink."

**Testing Required** Meter, Water 1 Inch Reclaimed, Enviro-Brass (No-Lead), Positive Displacement, 0.1 Gallon, 8 Wheel, Rocksyn Chamber, Bronze or Polymer Bottom W/ Stainless Steel Bolts, 6 Foot Wire W/ TRPL Adapter, Glass ELINX Register
PUD-METERS

**TESTING REQUIRED** METER, RECLAIMED, TURBINE 1.5" - OMNI T2, TURBO LAY LENGTH, 1 GALLON PULSE, 1 GALLON 8 WHEEL TOTAL, S/N=REG ID, RECLAIM NDK

**TESTING REQUIRED** METER, RECLAIMED, TURBINE 2" - OMNI T2, TURBO LAY LENGTH, 1 GALLON PULSE, 1 GALLON 8 WHEEL TOTAL, S/N=REG ID, RECLAIM NDK

METER, RECLAIMED WATER 3" - OMNI T2, TURBO LAY LENGTH, 1 GALLON PULSE, 1 GALLON 8 WHEEL TOTAL, S/N=REG ID, RECLAIM NDK

CHECK WITH METER SHOP PRIOR TO ORDERING**TRPL HOUSING ASSEMBLY, TRPL, HOUSING ASSEMBLY TO INCLUDE TRPL UPPER HOUSING, TRPL LOCKING NUT, TRPL SENSUS LOCKING NUT. *******DO NOT ORDER FROM STOREROOM******

METER, TRPL SENSUS WHITE PLUG, TO BE USED WITH TRPL HOUSING ASSEMBLY.

METER, TOUCHREADER+, USED TO READ THE SENSUS TOUCH READ METERS.
### PUD-METERS

#### MTEAA

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<tr>
<td>630</td>
<td>TOUCH-READ CABLE, 3FT LONG ORDER WITH MTEAA620</td>
<td>640</td>
<td>INACTIVE - SPACER PIECE, FOR METAL TOPS ONLY</td>
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<td>010</td>
<td>COUPLING, METER, 5/8&quot; X 1/2&quot; MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED, LENGTH 2-3/8&quot;</td>
<td>011</td>
<td>COUPLING, METER, 5/8&quot; X 1/2&quot; MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED, LENGTH OF 2&quot;</td>
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<td><strong>FORD METER BOX COMPANY</strong></td>
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<td>020</td>
<td>COUPLING, METER, 3/4&quot; X 3/4&quot; MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED. LENGTH OF 2-1/2&quot;.</td>
<td>021</td>
<td>COUPLING, METER, 3/4&quot; X 3/4&quot; MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED, LENGTH OF 2&quot;</td>
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<td><strong>FORD METER BOX COMPANY</strong></td>
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<td>030</td>
<td>COUPLING, METER, 1&quot; X 1&quot; MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED, LENGTH OF 2-5/8&quot;.</td>
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<td>COUPLING, METER, 1&quot; X 1&quot; MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE, LENGTH OF 2&quot;</td>
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<td>COUPLING, METER, 1-1/2&quot; X 1-1/2&quot; MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED, LENGTH OF 2-7/8&quot;.</td>
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<td>050</td>
<td>COUPLING, METER, 2&quot; X 2&quot; MIP OUTLET, CONSISTING OF HEX TO BARREL, NO LEAD BRONZE CONSTRUCTED, LENGTH OF 3-1/16&quot;.</td>
<td>FORD</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C38-77-3-0625-NL</td>
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<tr>
<td>080</td>
<td>NO LEAD CONSTRUCTED COUPLING, METER, STRAIGHT, 3/4&quot; X 1&quot;, MALE IRON PIPE THREAD</td>
<td>FORD METER BOX COMPANY</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C38-24-2-5-NL</td>
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</tr>
<tr>
<td>082</td>
<td>INACTIVE - ADAPTER, TO CHANGE METER SIDE &amp;/OR LENGTH</td>
<td>FORD METER BOX COMPANY</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A-12M</td>
<td></td>
</tr>
<tr>
<td>084</td>
<td>INACTIVE - COUPLING, METER, IP ADAPTER, WITH COMPRESSION, 3/4&quot;</td>
<td>FORD METER BOX COMPANY</td>
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</tr>
<tr>
<td></td>
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<td>C35-23</td>
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</tbody>
</table>
PUD-METERS

MTEAC

Item Description: NO LEAD CONSTRUCTED COUPLING, METER, IP ADAPTER, WITH COMPRESSION, 3/4" - LONG.
086 FORD METER BOX COMPANY
C35-23-4.875-NL

Item Description: FLANGE, METER, DUCTILE IRON, 3" X 24", FLANGED X PLAIN END
090

Item Description: FLANGE, METER, DUCTILE IRON, 4" X 24", FLANGED X PLAIN END
100

Item Description: FLANGE, METER, DUCTILE IRON, 6" X 24", FLANGED X PLAIN END
110

Item Description: FLANGE, METER, DUCTILE IRON, 8" X 24", FLANGED X PLAIN END
120

Item Description: FLANGE, METER, DUCTILE IRON, 10" X 24", FLANGED X PLAIN END
130

Item Description: FLANGE, METER, DUCTILE IRON, 12" X 24", FLANGED X PLAIN END
140
### PUD-METERS

#### MTEAC

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>COUPLING, COMPRESSION X METER, CONSISTING OF 3/4&quot; METER COUPLING X 3/4&quot; CTS COMPRESSION COUPLING, CONSTRUCTED OF AWWA BRONZE.</td>
<td>FORD C34-23-NL</td>
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</tbody>
</table>

#### MTEBB

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>010</td>
<td>NO LEAD CONSTRUCTED RESETTER, 5/8&quot;X5/8&quot;X 7&quot;, MUST BE HORIZONTAL W/LOCK WING STOP</td>
<td>FORD V41-7W-NL</td>
</tr>
<tr>
<td>020</td>
<td>NO LEAD CONSTRUCTED RESETTER, 5/8&quot;X5/8&quot;X 9&quot;, MUST BE HORIZONTAL WITH LOCK WING STOP</td>
<td>FORD V41-9W-NL MUELLER H-144118N</td>
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<tr>
<td>030</td>
<td>NO LEAD CONSTRUCTED RESETTER, 5/8&quot;X5/8&quot; X 12&quot;, MUST BE HORIZONTAL W/LOCK WING STOP</td>
<td>FORD V41-12W-NL</td>
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<tr>
<td>070</td>
<td>NO LEAD CONSTRUCTED RESETTER, METER, 5/8&quot;X3/4&quot;X7&quot;, MUST BE HORIZONTAL W/LOCK WING STOPS</td>
<td>FORD V42-7W-NL</td>
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<tr>
<td>080</td>
<td>NO LEAD CONSTRUCTED RESETTER, METER, 5/8&quot;X3/4&quot;X9&quot;, MUST BE HORIZONTAL W/LOCK WING STOPS</td>
<td>FORD V42-9W-NL</td>
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<tr>
<td>085</td>
<td>NO LEAD CONSTRUCTED RESETTER, METER, 5/8&quot;X3/4&quot;X12&quot;, MUST BE HORIZONTAL W/LOCK WING STOPS</td>
<td>FORD V42-12W-NL</td>
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</table>
PUD-METERS

MTEBB

**Item**  **Description:**  NO LEAD CONSTRUCTED RESETTER METER 3/4" X 3/4" X 8", MUST BE HORIZONTAL WITH LOCK WING STOPS
130  FORD
    V43-8W-NL

**Item**  **Description:**  NO LEAD CONSTRUCTED RESETTER METER 3/4" X 3/4" X 12", MUST BE HORIZONTAL W/LOCK WING STOPS
140  FORD
    V43-12W-NL

**Item**  **Description:**  RESETTER METER 3/4" X 3/4" X 18", MUST BE HORIZONTAL W/ LOCK WING STOPS.
160  FORD  MUELLER
    V43-18W-NL  14118

**Item**  **Description:**  RESETTER, METER 1"X 1"X 15", MUST BE HORIZONTAL W/LOCK WING STOP
200  FORD  MUELLER
    V44-15W-NL  14118

MTEBC

**Item**  **Description:**  WASHER, METER, 5/8" (CONNECTION GASKET) RED FIBER GASKET. *1/16" THICKNESS ONLY*, *** PACKAGE
010  100 EACH PER BOX ***

**Item**  **Description:**  WASHER, METER, 3/4" (CONNECTION GASKET) RED FIBER GASKET. *1/16" THICKNESS ONLY*, *** PACKAGE
020  100 EACH PER BOX ***
### MTEBC

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>030</td>
<td>WASHER, METER, 1&quot; (CONNECTION GASKET) RED FIBER GASKET. *** 1/16&quot; THICKNESS ONLY***, *** PACKAGE 100 EACH PER BOX ***</td>
<td></td>
</tr>
<tr>
<td>040</td>
<td>WASHER, METER, 1-1/2&quot; (CONNECTION GASKET) RED FIBER GASKET. <em>1/16&quot; THICKNESS ONLY</em>, *** PACKAGE 100 EACH PER BOX ***</td>
<td></td>
</tr>
<tr>
<td>050</td>
<td>WASHER, METER, 2&quot; (CONNECTION GASKET) RED FIBER GASKET. ** 1/16&quot; THICKNESS ONLY**, *** PACKAGE 100 EACH PER BOX ***</td>
<td></td>
</tr>
<tr>
<td>058</td>
<td>WASHER, METER, 5/8&quot; (CONNECTION GASKET) RED FIBER GASKET. <strong>1/32&quot;THICKNESS ONLY</strong>, *** PACKAGE 100 EACH PER BOX ***</td>
<td></td>
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<tr>
<td>062</td>
<td>WASHER, METER, 3/4&quot; (CONNECTION GASKET) RED FIBER GASKET. <strong>1/32&quot;THICKNESS ONLY</strong>, *** PACKAGE 100 EACH PER BOX ***</td>
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<tr>
<td>071</td>
<td>WASHER, METER, 1&quot; (CONNECTION GASKET) RED FIBER GASKET. <strong>1/32&quot; THICKNESS ONLY</strong>, *** PACKAGE 100 EACH PER BOX ***</td>
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### PUD-METERS

#### MTEBC

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<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
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<tr>
<td>089</td>
<td>WASHER, METER, 1-1/2&quot; (CONNECTION GASKET) RED FIBER GASKET. <em>1/32&quot; THICKNESS ONLY</em>, *** PACKAGE 100 EACH PER BOX ***</td>
<td></td>
</tr>
<tr>
<td>092</td>
<td>WASHER, METER, 2&quot; (CONNECTION GASKET) RED FIBER GASKET. <strong>1/32&quot; THICKNESS ONLY</strong>, *** PACKAGE 100 EACH PER BOX ***</td>
<td></td>
</tr>
<tr>
<td>107</td>
<td>WASHER, METER 5/8&quot;, RUBBER (METER GASKET) 1/8&quot; THICK X 15/16&quot; OVERALL DIAMETER RUBBER WASHERS ONLY. SIZE MUST BE EXACT. ***** NO SUBSTITUTE ******, *** PACKAGE 100 EACH PER BOX ***</td>
<td></td>
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<tr>
<td>119</td>
<td>WASHER, METER 3/4&quot;, RUBBER (METER GASKET) 1/8&quot; THICK X 1-5/32&quot; OUTSIDE DIAMETER RUBBER WASHERS ONLY. SIZE MUST BE EXACT. ***** NO SUBSTITUTE ******, *** PACKAGE 100 EACH PER BOX ***</td>
<td></td>
</tr>
<tr>
<td>124</td>
<td>WASHER, METER 1&quot;, RUBBER (METER GASKET), 1/8&quot; THICK X 1-1/2&quot; OVERALL DIAMETER RUBBER WASHERS ONLY. SIZE MUST BE EXACT. ***** NO SUBSTITUTE ******, *** PACKAGE 100 EACH PER BOX ***</td>
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#### MTECC

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>010</td>
<td>BOX, METER - POLYMER CONCRETE METER BOX, TAPERED WALL, A - 8 LOAD RATING, 17,360 LBS MINIMUM FAILURE RATE, 12&quot; DEPTH. (37 SERIES)</td>
<td></td>
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</table>
PUD-METERS

MTECC

Item | Description: BOX, METER - POLYMER CONCRETE METER BOX, TAPERED WALL, A-8 LOAD RATING, 17,360 LBS MINIMUM FAILURE RATE, 12" DEPTH. (65 SERIES)
020

Item | Description: BOX, METER - POLYMER CONCRETE METER BOX, STRAIGHT WALL, A-8 LOAD RATING, 17,360 LBS MINIMUM FAILURE RATE, 12" DEPTH. (37 SERIES)
035

Item | Description: TOP, METER BOX-POLYMER CONCRETE TOP, FOR SERIES 36 METER BOX, A-8 LOAD RATING, SOLID TOP WITH (ONE) 2" TRPL PRE-DRILLED HOLE AND JEA LOGO. 15-1/4" LENGTH X 10-1/8" WIDTH X 1-3/8" THICK, PICK HOLE LOCATED BELOW JEA LOGO, NO READ LID
410

Item | Description: TOP, METER BOX-POLYMER CONCRETE TOP, FOR SERIES 37 METER BOX, A-8 LOAD RATING, SOLID TOP WITH (TWO) 2" TRPL PRE-DRILLED HOLE AND JEA LOGO. 18-1/8" LENGTH X 11-1/4" WIDTH X 1-3/4" THICK, NO READ LID.
430

Item | Description: TOP, METER BOX-POLYMER CONCRETE TOP, FOR SERIES 37 METER BOX, A-8 LOAD RATING, SOLID TOP WITH (ONE) 2" TRPL PRE-DRILLED HOLE AND JEA LOGO. 18-1/8" LENGTH X 11-1/4" WIDTH X 1-3/4" THICK, NO READ LID.
435
PUD-METERS

MTECC

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<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>445</td>
<td>TOP, METER BOX, STEEL, PRIMED &amp; PAINTED BLACK, NO READING LID, LIFTING EYE ON EA. END, W/(TWO) 2&quot; TRPL PRE-DRILLED HOLE, MADE W/ 3/16&quot; FLOOR PLATE. FULLY RIBBED &amp; DIMENSIONS AS PER DRWG. BROOKS MODEL #37T-STL (15.5&quot; X 22.5&quot;) OR EQUAL</td>
</tr>
<tr>
<td>470</td>
<td>TOP, METER BOX, STEEL, PRIMED &amp; PAINTED BLACK, NO READING LID, LIFTING EYE ON EA. END, W/(TWO) 2&quot; TRPL PRE-DRILLED HOLE, MADE W/ 3/16&quot; FLOOR PLATE. FULLY RIBBED &amp; DIMENSIONS AS PER DRWG. BROOKS MODEL #65T-STL (20&quot; X 31.5&quot;) OR EQUAL</td>
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GLASMasters

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>T1118DN15-9-BL</td>
<td>TOP, METER BOX, POLYMER, TOP TO HAVE (ONE) 2&quot; TRPL HOLE. A-8 LOAD RATING, (65 SERIES)</td>
</tr>
<tr>
<td>T1527DN15-9-BL</td>
<td>TOP, METER BOX, POLYMER, TOP (TWO) 2&quot; TRPL HOLES, A-8 LOAD RATING, (65 SERIES).</td>
</tr>
<tr>
<td>WCS152702-101-TR</td>
<td>COVER, UTILITY BOX, GALV., W/(TWO) 2&quot; HOLES, S50-3/4&quot; X 32-3/4&quot; (OVERALL DIMENSION), 2-PIECE COVER TO BE SIZED PER BOX SPEC. COVER MUST COMPLY WITH H-20 TRAFFIC RATING &amp; SPEC. (W/1.3 IMPACT). EACH COVER WILL HAVE A 1/2&quot; X 1&quot; LIFTING HOLE.</td>
</tr>
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</table>
PUD–METERS

MTECC

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>779</td>
<td>COVER, UTILITY BOX, GALVANIZED, W/(TWO) 2&quot; HOLES, 52&quot; X 34&quot; (OVERALL DIMENSION), TOP TO BE 2-PC DESIGN &amp; SIZED AS PER BOX SPEC. TOP WILL BE CONSTRUCTED TO COMPLY WITH H-20 TRAFFIC RATING &amp; SPEC. (W/1.3 IMPACT) CERT. ENGINEERING DRAW</td>
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GLASMASTERS

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<tr>
<td>T3048DN15-9-BL</td>
<td>TOP, METER VAULT, W/(TWO) 2&quot; HOLES, W/FRAME &amp; COVER CAST IN, TOP FOR 6' X 6' METER VAULT (TOP ONLY), W/3/4&quot; LIFT INSERTS CAST IN, CAST-IN STEEL FRAME &amp; COVER TO BE 36&quot; X 36&quot; WITH 17&quot; X 17&quot; OPENING - MATERIAL TO BE DELIVERED AND UNLOADED.</td>
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MTECD

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>100</td>
<td>BOX, METER - 36&quot; X 60&quot; X 48&quot;, INCLUDES COVER, BOX AND EXTENSION. FIBERGLASS POLYMER CONCRETE &amp; FIBERGLASS REINFORCED POLYMER, LOAD RATING A8 (ASTM). 2-PC TORSION ASSIST COVER W/NON-SKID SURFACE &amp; JEA LOGO. (TWO) 2&quot; TRPL HOLE IN ONE COVER.</td>
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ARMORCAST PRODUCTS COMPANY

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<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>A6001833AX48MT</td>
<td>COVER, METER BOX, FOR 36&quot;X60&quot; X 48&quot; METER BOX, FIBERGLASS POLYMER CONCRETE &amp; FIBERGLASS REINFORCED POLYMER, GRAY, LOAD RATING A8 (ASTM C857), 2-PC TORSION ASSIST COVER W/NON-SKID SURFACE &amp; JEA LOGO. (TWO) 2&quot; TRPL HOLE ONE COVER.<em>COVER ONLY</em></td>
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ARMORCAST PRODUCTS COMPANY

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<tr>
<th>Item</th>
<th>Description</th>
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<tr>
<td>A7001436A-JEA</td>
<td>COVER ONLY*</td>
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# PUD-METERS

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<tr>
<td>205</td>
<td>BOX, METER - 48&quot; X 72&quot; X 48&quot;, INCLUDES COVER, BOX AND EXTENSION. FIBERGLASS POLYMER CONCRETE &amp; FIBERGLASS REINFORCED POLYMER, LOAD RATING A8 (ASTM). 2-PC TORSION ASSIST COVER W/NON-SKID SURFACE &amp; JEA LOGO. (FOUR) 2&quot; TRPL HOLE IN COVER.</td>
<td>A6001506APCX48MT</td>
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<tr>
<td>239</td>
<td>COVER, METER BOX, FOR 48&quot; X 72&quot; X 48&quot; METER BOX, FIBERGLASS POLYMER CONCRETE &amp; FIBERGLASS REINFORCED POLYMER, GRAY, LOAD RATING A8 (ASTM C857), 2-PC TORSION ASSIST COVER W/NON-SKID SURFACE &amp; JEA LOGO. (FOUR) 2&quot; TRPL HOLE IN COVER. <em>COVER ONLY</em></td>
<td>A7001506A-JEA</td>
</tr>
<tr>
<td>303</td>
<td>BOX, METER - 48&quot; X 72&quot; X 48&quot;, INCLUDES COVER, BOX AND EXTENSION. FIBERGLASS POLYMER CONCRETE &amp; FIBERGLASS REINFORCED POLYMER, LOAD RATING A8 (ASTM). 2-PC TORSION ASSIST COVER W/NON-SKID SURFACE &amp; JEA LOGO. (FOUR) 2&quot; TRPL HOLE IN COVER.</td>
<td>A6001449AP48MT</td>
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**MTEHV**

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<tbody>
<tr>
<td>243</td>
<td>CHAMBER, COMPOUND 3&quot; - OMNI C2 MEASURING CHAMBER ASSEMBLY, 1 GALLON PULSE, 1 GALLON 8 WHL TOTAL</td>
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<tr>
<td>23A</td>
<td>SENSUS TECHNOLOGIES</td>
<td>C39XXXXG1AT0X</td>
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<tr>
<td>258</td>
<td>CHAMBER, COMPOUND 4&quot; - OMNI C2 MEASURING CHAMBER ASSEMBLY, 10 GALLON PULSE, 10 GALLON 8 WHL TOTAL</td>
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<tr>
<td>23A</td>
<td>SENSUS TECHNOLOGIES</td>
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<tr>
<td>340</td>
<td>REGISTER, RECLAIMED, TURBINE 1.5&quot; - OMNI T2 REGISTER ONLY, 1 GALLON PULSE, 1 GALLON 8 WHL TOTAL</td>
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<td>SENSUS TECHNOLOGIES</td>
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<td>350</td>
<td>REGISTER, RECLAIMED, TURBINE 2&quot; - OMNI T2 REGISTER ONLY, 1 GALLON PULSE, 1 GALLON 8 WHL TOTAL, RECLAIM NDK</td>
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<td>SENSUS TECHNOLOGIES</td>
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<td>360</td>
<td>REGISTER, COMPOUND 3&quot; - OMNI C2 REGISTER ONLY, 1 GALLON PULSE, 1 GALLON 8 WHL TOTAL</td>
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<td>370</td>
<td>REGISTER, TURBINE 3&quot; - OMNI T2 REGISTER ONLY, 1 GALLON PULSE, 1 GALLON 8 WHL TOTAL</td>
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<td>380</td>
<td>REGISTER, COMPOUND 4&quot; - OMNI C2 REGISTER ONLY, 10 GALLON PULSE, 10 GALLON 8 WHL TOTAL</td>
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<td>390</td>
<td>REGISTER, TURBINE 4&quot; - OMNI T2 REGISTER ONLY, 10 GALLON PULSE, 10 GALLON 8 WHL TOTAL</td>
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<td>400</td>
<td>REGISTER, FIRE SERVICE 4&quot; - OMNI F2 REGISTER ONLY, 10 GALLON PULSE, 10 GALLON 8 WHL TOTAL</td>
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<td>51914.638.00051</td>
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Register, Fire Service 4" - OMNI F2 Register Only, 10 Gallon Pulse, 10 Gallon 8 WHL Total. W-160
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<thead>
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<tbody>
<tr>
<td>410</td>
<td>REGISTER, COMPOUND 6&quot; - OMNI C2 REGISTER ONLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL</td>
<td>420</td>
<td>REGISTER, TURBINE 6&quot; - OMNI T2 REGISTER ONLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL</td>
<td>440</td>
<td>REGISTER, TURBINE 10&quot; - OMNI T2 REGISTER ONLY, 10 GALLON PULSE, 10 GALLON 8 WHL TOTAL</td>
<td>450</td>
<td>REGISTER, FIRE SERVICE 10&quot; - OMNI F2 REGISTER ONLY, 10 GALLON PULSE, 10 GALLON 8 WHL TOTAL</td>
<td>451</td>
<td>REGISTER, FIRE SERVICE 6&quot; - OMNI F2 REGISTER ONLY, 10 GALLON PULSE, 10 GALLON 8WHL TOTAL</td>
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<tr>
<td>733</td>
<td>CONNECTOR, 2-WIRE, &quot;UY&quot; TYPE, CONNECTOR FOR USE ON 22-26 AWG SOLID COPPER CONDUCTOR WIRE, CONNECTORS TO BE SELF- STRIPPING AND INSULATED. SCOTCHLOCK &quot;UY&quot; CONNECTOR (1 EACH = BOX OF 100)</td>
<td></td>
<td><em><strong>NO SUBSTITUTE</strong></em></td>
<td></td>
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</table>
## PUD-METERS

### MTEHV

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>745</td>
<td>WIRE, 3-CONDUCTOR. CONDUCTORS TO BE 22 AWG TINNED COPPER AND INDIVIDUALLY INSULATED. SOLID WIRE CONDUCTORS ONLY - NO STRANDED WIRE IS ALLOWED. ENCODED REGISTER WIRE. E62780 TYPE CL2 22 AWG 75 C (UL)<strong>NO SUBSTITUTE</strong>  500 FT OR 1000 FT ROL</td>
<td>500 FT OR 1000 FT ROL</td>
<td></td>
</tr>
<tr>
<td>800</td>
<td>CHAMBER, RECLAIMED, TURBINE 1.5&quot; - OMNI T2 MEASURING CHAMBER ASSEMBLY, 1 GALLON PULSE, 1 GALLON 8 WHL TOTAL</td>
<td>1 GALLON 8 WHL TOTAL</td>
<td></td>
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</tbody>
</table>
## PUD-METERS

### MTEHV

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item Numbers</th>
<th>Manufacturer</th>
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<tbody>
<tr>
<td>840</td>
<td>CHAMBER, FIRE SERVICE 6&quot; - OMNI F2 MEASURING CHAMBER ASSEMBLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL</td>
<td>F69XXXXG1AT0X</td>
<td>SENSUS TECHNOLOGIES</td>
</tr>
<tr>
<td>849</td>
<td>REGISTER, TURBINE 2&quot; - OMNI T2 REGISTER ONLY, 1 GALLON PULSE, 1 GALLON 8 WHEEL TOTAL</td>
<td>51912-610-30002</td>
<td>SENSUS TECHNOLOGIES</td>
</tr>
<tr>
<td>850</td>
<td>CHAMBER, FIRE SERVICE 8&quot; - OMNI F2 MEASURING CHAMBER ASSEMBLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL</td>
<td>F89XXXXG1AT0X</td>
<td>SENSUS TECHNOLOGIES</td>
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<tr>
<td>860</td>
<td>CHAMBER, FIRE SERVICE 10&quot; - OMNI F2 MEASURING CHAMBER ASSEMBLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL</td>
<td>F49XXXXG1AT0X</td>
<td>SENSUS TECHNOLOGIES</td>
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<tr>
<td>861</td>
<td>CHAMBER, TURBINE 3&quot; - OMNI T2 MEASURING CHAMBER ASSEMBLY, 1 GALLON PULSE, 1 GALLON 8 WHEEL TOTAL</td>
<td>T39XXXXG1AT0X</td>
<td>SENSUS TECHNOLOGIES</td>
</tr>
<tr>
<td>870</td>
<td>CHAMBER, FIRE SERVICE 4&quot; - OMNI F2 MEASURING CHAMBER ASSEMBLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL</td>
<td>P49XXXXG1AT0X</td>
<td>SENSUS TECHNOLOGIES</td>
</tr>
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</table>
### PUD-METERS

**MTEHVT**

<table>
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<tr>
<th>Item</th>
<th>Description</th>
<th>SENSUS TECHNOLOGIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>873</td>
<td>CHAMBER, TURBINE 4&quot; - OMNI T2 MEASURING CHAMBER ASSEMBLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL</td>
<td>T49XXXXG1AT0X</td>
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<tr>
<td>886</td>
<td>CHAMBER, TURBINE - 6&quot; OMNI T2 MEASURING CHAMBER ASSEMBLY, 10 GALLON PULSE, 10 GALLON 8WHL TOTAL</td>
<td>T69XXXXG1AT0X</td>
</tr>
<tr>
<td>892</td>
<td>CHAMBER, TURBINE - 8&quot; OMNI T2 MEASURING ASSEMBLY, 10 GALLON PULSE, 10 GALLON 8WHEL TOTAL</td>
<td>T89XXXXG1AT0X</td>
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<tr>
<td>922</td>
<td>METER, COMPOUND 3&quot; - OMNI C2, COMPOUND LAY LENGTH, TEST RISER WITH BALL VALVE ONLY, 1 GALLON PULSE, 1 CALLON 8 WHEEL TOTAL, S/N=REG ID</td>
<td>C33TXXXG1AT0X</td>
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<tr>
<td>933</td>
<td>METER, COMPOUND 4&quot; - OMNI C2 COMPOUND LAY LENGTH, TEST RISER WITH BALL VALVE ONLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL, S/N=REG ID</td>
<td>C43TXXXG1AT0X</td>
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<tr>
<td>945</td>
<td>CHAMBER, COMPOUND 6&quot; - OMNI C2 MEASURING CHAMBER ASSEMBLY, 10 GALLON PULSE, 10 GALLON 8 WHEEL TOTAL</td>
<td>57318-498-71901A</td>
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<td>573-18-498-71901A</td>
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<td>C69XXXXG1AT0X</td>
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</table>
NUTSA

Item  Description:  NUT, HEAVY HEX HEAD, 3/4" - 10, 316 SS, HEAVY NUT

675
PUMPS

PMPAD

**Description:** DIAPHRAGM, NEOPRENE - FOR 3" DIAPHRAGM PUMP. GATES OR HOMELITE OR EQUAL.

**Item:** 562

**Description:** DIAPHRAGM, NEOPRENE - FOR 3" DIAPHRAGM PUMP. GATES OR HOMELITE OR EQUAL.

**Supplier:** GATES RUBBER CO. HOMELITE DIV. (TEXTRON INC.)

**Part Number:** 3E 03438/UP06372

**Description:** INACTIVE - DIAPHRAGM, NEOPRENE - FOR 4" DIAPHRAGM PUMP. GATES OR EQUAL.

**Item:** 565

**Supplier:** GATES RUBBER CO.

**Part Number:** 4E

PMPBK

**Description:** PUMP, SUBMERSIBLE, 24 INCH, CP3602/1440 IMPELLER, 805 DRIVE, 130 HP 3/460V FLYGT PUMP WITH 35' MOTOR & PILOT CABLE. FOR INTERNAL RECYCLE PROCESS AT MANDARIN WRF

**Item:** 610

**Description:** PUMP, SUBMERSIBLE, 24 INCH, CP3602/1440 IMPELLER, 805 DRIVE, 130 HP 3/460V FLYGT PUMP WITH 35' MOTOR & PILOT CABLE. FOR INTERNAL RECYCLE PROCESS AT MANDARIN WRF

**Supplier:** KING INNOVATION

**Part Number:** 48072

PMPHP

**Description:** PUMP, UTILITY HAND, WITH 72" HOSE

**Item:** 001

**Supplier:** KING INNOVATION

**Part Number:** 48072

PUD-PAINT

**Description:** PAINT, RUS-KIL SAFETY YELLOW. **1 EACH = 1 GALLOON**

**Item:** 050

**Supplier:** BLP MOBILE PAINT CO.

**Part Number:** 10-5601
**PUD-PAINT**

**PNTAA**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description:</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>060</td>
<td>PAINT, UPSIDE-DOWN, PURPLE-PANTONE, 17 OZ. AEROSOL CAN, CANS MUST FIT KRYLON SPRAY WAND (SPOTTER) #KRY7095, LEAD FREE, NON-CLOGGING, WATER-BASED</td>
<td>KRYLON 3715</td>
</tr>
<tr>
<td>063</td>
<td>PAINT, MARKING, UPSIDE-DOWN, A.P.W.A. PINK, 20 OZ. AEROSOL CAN, CAN MUST FIT KRYLON SPRAY WAND #KRY7095, NON-CLOGGING, WATER-BASED PAINT</td>
<td>KRYLON 03612</td>
</tr>
<tr>
<td>064</td>
<td>PAINT, MARKING, UPSIDE-DOWN, A.P.W.A. BLUE, 20 OZ. AEROSOL CAN, CAN MUST FIT KRYLON SPRAY WAND #KRY7095, NON-CLOGGING, WATER-BASED PAINT</td>
<td>KRYLON S03903</td>
</tr>
<tr>
<td>065</td>
<td>PAINT, UPSIDE-DOWN, BRILLANT BLUE, 16 OZ. AEROSOL CAN, CANS MUST FIT KRYLON SPRAY WAND (SPOTTER) #KRY7095. LEAD-FREE, NON-CLOGGING, BRILLANT BLUE ONLY KRYLON OR EQUAL, WATER-BASED</td>
<td>KRYLON S03406</td>
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<tr>
<td>066</td>
<td>PAINT, UPSIDE-DOWN, MARKING, A.P.W.A. BLUE, 20 OZ. AEROSOL CAN, CAN MUST FIT KRYLON SPRAY WAND #KRY7095, NON-CLOGGING, SOLVENT-BASE PAINT</td>
<td>KRYLON S03621</td>
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<tr>
<td>067</td>
<td>PAINT, UPSIDE-DOWN, MARKING, A.P.W.A. GREEN, 20 OZ. AEROSOL CAN, CAN MUST FIT KRYLON SPRAY WAND #KRY7095, NON-CLOGGING, WATER -BASE PAINT</td>
<td>KRYLON S03904</td>
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## PUD-PAINT

### PNTAA

<table>
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<tr>
<th>Item</th>
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</thead>
<tbody>
<tr>
<td>068</td>
<td>PAINT, MARKING, UPSIDE-DOWN, A.P.W.A. GREEN, 20 OZ. AEROSOL CAN, CAN MUST FIT KRYLON SPRAY WAND, NON-CLOGGING, SOLVENT-BASED PAINT</td>
</tr>
<tr>
<td>705</td>
<td>PAINT, MARKING, UPSIDE-DOWN, A.P.W.A. BRILLIANT RED, 20 OZ. AEROSOL CAN, CAN MUST FIT KRYLON SPRAY WAND #KRY7095, NON-CLOGGING, WATER-BASED PAINT</td>
</tr>
<tr>
<td>727</td>
<td>PAINT, UPSIDE-DOWN, FLOURESCENT (SEWER) GREEN, TRAFFIC OR GROUND MARKING PAINT 17 OZ. AEROSOL CAN, LEAD FREE, NON-CLOGGING, FLOURESCENT GREEN ONLY, WATER BASED. SPRAYON OR KRYLON OR EQUAL.</td>
</tr>
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</table>

### KRYLON

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<tr>
<th>03631</th>
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### SPRAYON PRODUCTS INC.

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| 07930 |                                                                                                                                           |

### PUD-PIPE & TUBING

### PPEDU

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>030</td>
<td>PIPE, DUCTILE IRON, 3&quot;, SLIP JOINT, PRESSURE CLASS 150 MINIMUM , 18 FOOT LENGTHS MINIMUM</td>
</tr>
<tr>
<td>040</td>
<td>PIPE, DUCTILE IRON, 4&quot;, SLIP JOINT, PRESSURE CLASS 150 MINIMUM , 18 FOOT LENGTHS MINIMUM</td>
</tr>
</tbody>
</table>
### PUD-PIPE & TUBING

**PPEDU**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>060</td>
<td>PIPE, DUCTILE IRON, 6&quot;, SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM</td>
</tr>
<tr>
<td>080</td>
<td>PIPE, DUCTILE IRON, 8&quot;, SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 OR 20 FOOT LENGTHS</td>
</tr>
<tr>
<td>100</td>
<td>PIPE, DUCTILE IRON, 10&quot;, SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM</td>
</tr>
<tr>
<td>120</td>
<td>PIPE, DUCTILE IRON, 12&quot;, SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM</td>
</tr>
<tr>
<td>140</td>
<td>PIPE, DUCTILE IRON, 14&quot;, SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM</td>
</tr>
<tr>
<td>160</td>
<td>PIPE, DUCTILE IRON, 16&quot;, SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM</td>
</tr>
<tr>
<td>180</td>
<td>PIPE, DUCTILE IRON, 18&quot;, SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM</td>
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<tr>
<td>200</td>
<td>PIPE, DUCTILE IRON, 20&quot;, SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM</td>
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</tbody>
</table>
PUD-PIPE & TUBING

PPEDU

Item Description: PIPE, DUCTILE IRON, 24", SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM
240

Item Description: PIPE, DUCTILE IRON, 30", SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM
300

Item Description: PIPE, DUCTILE IRON, 36", SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM
360

Item Description: PIPE, DUCTILE IRON, 42", SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM
380

Item Description: PIPE, DUCTILE IRON, 54", SLIP JOINT, PRESSURE CLASS 150 MINIMUM, 18 FOOT LENGTHS MINIMUM
390

PPEGV

Item Description: PIPE, GALVANIZED - 1/2", MIPT X FIPT. 21 FOOT LENGTHS.
024

Item Description: PIPE, GALVANIZED - 1", MIPT X FIPT. 21 FOOT LENGTHS.
100
**PUD-PIPE & TUBING**

**PPEGV**

**Item** | **Description**: NACTIVE - PIPE, GALVANIZED - 1-1/4", MIPT X FIPT. 21 FOOT LENGTHS.  
**114**

**Item** | **Description**: PIPE, GALVANIZED 1-1/2", THREADED & COUPLED, 21 FT LENGTHS  
**124**

**Item** | **Description**: PIPE, GALVANIZED - 2", MIPT X FIPT. 21 FOOT LENGTHS.  
**200**

**Item** | **Description**: PIPE, GALVANIZED - 2-1/2", MIPT X FIPT. 21 FOOT LENGTHS.  
**224**

**PPEPV**

**Item** | **Description**: PIPE, PVC, **EAGLE LOC**, DR18 - 4", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.  
**030**  
**JM EAGLE**  
ORDER BY DESCRIPTION

**Item** | **Description**: PIPE, PVC, DR18 - 4", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.  
**040**

**Item** | **Description**: PIPE, PVC, **EAGLE LOC**, DR18 - 6", 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.  
**050**  
**JM EAGLE**  
ORDER BY DESCRIPTION
# Water and Wastewater Master Material Catalog

## PUD-PIPE & TUBING

### PPEPV

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Order By</th>
</tr>
</thead>
<tbody>
<tr>
<td>060</td>
<td>PIPE, PVC, DR18 - 6&quot;, 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.</td>
<td>SEE DESCRIPTION</td>
</tr>
<tr>
<td>070</td>
<td>PIPE, PVC, <strong>EAGLE LOC</strong>, DR18 - 8&quot;, 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.</td>
<td>JM EAGLE</td>
</tr>
<tr>
<td>080</td>
<td>PIPE, PVC, DR18 - 8&quot;, 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.</td>
<td>SEE DESCRIPTION</td>
</tr>
<tr>
<td>100</td>
<td>PIPE, PVC, DR18 - 10&quot;, 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.</td>
<td>SEE DESCRIPTION</td>
</tr>
<tr>
<td>120</td>
<td>PIPE, PVC, DR18 - 12&quot;, 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.</td>
<td>SEE DESCRIPTION</td>
</tr>
<tr>
<td>124</td>
<td>PIPE, PVC, DR18 - 18&quot;, 20 FT. LENGTHS, AWWA C-900, CLASS 235, BLUE COLOR ONLY.</td>
<td>CERTAINTEED</td>
</tr>
<tr>
<td></td>
<td><strong>DIAMOND</strong></td>
<td>JM EAGLE</td>
</tr>
<tr>
<td></td>
<td>DR18</td>
<td>DR18</td>
</tr>
<tr>
<td>140</td>
<td>PIPE, PVC, DR18 - 14&quot;, 20 FT. LENGTHS, AWWA C-900, CLASS 235. ALL DR18 PIPE MUST BE COLORED BLUE FOR WATER SERVICE. NO OTHER COLOR ALLOWED.</td>
<td>CERTAINTEED</td>
</tr>
<tr>
<td></td>
<td><strong>CERTAINTEED</strong></td>
<td>JM MANUFACTURING</td>
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<tr>
<td></td>
<td>DR18</td>
<td>VASSALLO, INC.</td>
</tr>
<tr>
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<td><strong>NORTH AMERICAN PIPE CO.</strong></td>
<td>NATIONAL PIPE &amp; PLASTICS, INC.</td>
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<tr>
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<td>SEE DESCRIPTION</td>
<td>SEE DESCRIPTION</td>
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### PUD-PIPE & TUBING

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>160</td>
<td>PIPE, PVC, DR18, 16&quot;, AWWA C-900, CLASS 235, 20 FT LENGTHS. BLUE COLOR ONLY. NOTE: NO MORE THAN TWO (2) PIECES OF PIPE PER BUNDLE. BUNDLES WITH MORE THAN TWO PIECES PER BUNDLE WILL BE REFUSED</td>
</tr>
<tr>
<td>173</td>
<td>PIPE, PVC, DR25, 18&quot;, AWWA C-900, CLASS 165, 20 FT LENGTHS. BLUE COLOR ONLY. NOTE: NO MORE THAN TWO (2) PIECES OF PIPE PER BUNDLE. BUNDLES WITH MORE THAN TWO PIECES PER BUNDLE WILL BE REFUSED</td>
</tr>
<tr>
<td>180</td>
<td>PIPE, PVC, DR18, 20&quot;, AWWA C-900. CLASS 235, 20 FT LENGTHS. ALL PIPE MUST BE COLORED BLUE FOR WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
</tr>
<tr>
<td>190</td>
<td>PIPE, PVC, DR18, 30&quot;, AWWA C-900, CLASS 235, 20 FT LGTHS. ALL PIPE MUST BE COLORED BLUE FOR WATER SERVICE. NO OTHER COLORS ALLOWED. NOTE: NO MORE THAN TWO (2) PIECES OF PIPE PER BUNDLE. BUNDLES W/MORE THAN TWO PIECES PER BUNDLE WILL BE REFUSE</td>
</tr>
<tr>
<td>219</td>
<td>PIPE, PVC, DR18, 24&quot;, AWWA C-900, CLASS 235, 20 FT LENGTHS. ALL PIPE MUST BE COLORED BLUE FOR WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
</tr>
</tbody>
</table>
# PUD-PIPE & TUBING

## PPEPV

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>350</td>
<td>PIPE, PVC, DR18 - 30&quot;, 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM</td>
</tr>
<tr>
<td>360</td>
<td>PIPE, PVC, DR25, 36&quot; AWWA C-900, CLASS 165, 20 FT. LENGTHS. ALL PIPE MUST BE COLORED &quot;GREEN&quot; FOR SEWER SERVICE. NO OTHER COLOR ALLOWED <strong>NO SUBSTITUTE</strong></td>
</tr>
<tr>
<td>450</td>
<td>PIPE, PVC, SCH-40, 3/4&quot;, 20 FT. LENGTHS, PURPLE RECLAIM WATER SOLVENT WELD BELL</td>
</tr>
<tr>
<td>455</td>
<td>PIPE, PVC, SCH-40, 1&quot;, 20 FT. LENGTHS, PURPLE RECLAIM WATER SOLVENT WELD BELL</td>
</tr>
<tr>
<td>460</td>
<td>PIPE, PVC, SCH-40, 1-1/2&quot;, 20 FT. LENGTHS, PURPLE RECLAIM WATER SOLVENT WELD BELL</td>
</tr>
<tr>
<td>465</td>
<td>PIPE, PVC, SCH-40, 2&quot;, 20 FT. LENGTHS, PURPLE RECLAIM WATER SOLVENT WELD BELL</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
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</tr>
<tr>
<td>015</td>
<td>PIPE, PVC, 1-1/2&quot; X 20 FT. LENGTHS, SCH 40, GLUE JOINT, ALL PIPE MUST BE COLORED PANTONE PURPLE 522C FOR RECLAIMED WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
</tr>
<tr>
<td>020</td>
<td>PIPE, PVC, 2&quot; X 20 FT. LENGTHS, SCH 40, GLUE JOINT, ALL PIPE MUST BE COLORED PANTONE PURPLE 522C FOR RECLAIMED WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
</tr>
<tr>
<td>030</td>
<td>PIPE, PVC, 3&quot; X 20 FT. LENGTHS, CLASS 200. ALL SDR21 PIPE MUST BE COLORED PANTONE PURPLE 522C FOR RECLAIMED WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
</tr>
<tr>
<td>040</td>
<td>PIPE, PVC, 4&quot;, DR18, 20 FT. LENGTHS, AWWA C-900, CLASS 235. PIPE MUST BE COLORED PANTONE PURPLE FOR RECLAIMED WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
</tr>
<tr>
<td>060</td>
<td>PIPE, PVC, 6&quot;, DR18, 20 FT. LENGTH, AWWA C-900, CLASS 235. PIPE MUST BE COLORED PANTONE PURPLE FOR RECLAIMED WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
</tr>
<tr>
<td>080</td>
<td>PIPE, PVC, 8&quot;, DR18, 20 FT. LENGTH, AWWA C-900, CLASS 235. PIPE MUST BE COLORED PANTONE PURPLE FOR RECLAIMED WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
</tr>
</tbody>
</table>
PUD-PIPE & TUBING

PPERW

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>PIPE, PVC, 12&quot;, DR18, 20 FT. LENGTH, AWWA C-900, CLASS 235. PIPE MUST BE COLORED PANTONE 120 PURPLE FOR RECLAIMED WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
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<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>160</td>
<td>PIPE, PVC, 16&quot;, DR18, 20 FT. LENGTH, AWWA C-900, CLASS 235. PIPE MUST BE COLORED PANTONE PURPLE FOR RECLAIMED WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
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<tbody>
<tr>
<td>165</td>
<td>PIPE, PVC, 20&quot;, DR18, 20 FT. LENGTHS, AWWA C-900, CLASS 235. PIPE MUST BE COLORED PANTONE PURPLE FOR RECLAIMED WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
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<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>170</td>
<td>PIPE, PVC, 24&quot;, DR18, 20 FT. LENGTH, AWWA C-900, CLASS 235. PIPE MUST BE COLORED PANTONE PURPLE FOR RECLAIMED WATER SERVICE. NO OTHER COLORS ALLOWED.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td></td>
<td>DIAMOND</td>
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<tr>
<td>DR18</td>
<td>DR18</td>
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PPESC

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>024</td>
<td>PIPE, PVC SCH 40 1/2&quot;. 20 FT LENGTHS. BELL ON ONE END.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>034</td>
<td>PIPE, PVC, SCH 40, 3/4&quot;. 20 FT LENGTHS. BELL ON ONE END.</td>
</tr>
</tbody>
</table>
PUD-PIPE & TUBING

PPESC

**Item**  **Description:** PIPE, PVC SCH 40 1". 20 FT LENGHTS. BELL ON ONE END.
100

**Item**  **Description:** PIPE, PVC SCH 40 1-1/4". 20 FT LENGTHS. BELL ON ONE END. (1 EA = 1 FT)
114

**Item**  **Description:** PIPE PVC SCH 40 1-1/2"
124

**Item**  **Description:** PIPE, PVC SCH 40 2". 20 FT LENGHTS. BELL ON ONE END.
200

**Item**  **Description:** PIPE, PVC SCH 40, 3"
300

**Item**  **Description:** PIPE, PVC, SCH 40, 4", 20 FT LENGHTS  **** NO SUBSTITUTE ****
400

**Item**  **Description:** PIPE, PVC, SCH 40, 6", 20 FT LENGTHS.  **** NO SUBSTITUTES ****
600
PUD-PIPE & TUBING

PPESD

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>020</td>
<td>PIPE, PVC SDR21, 2&quot;, BELL AND GASKETED ONE END. PIPE MUST BE NSF-PW APPROVED. PIPE MUST BE MARKED WITH THE FOLLOWING INFORMATION AT NO MORE THAN 5 FT. INTERVALS: SDR CLASS, NOMINAL PIPE SIZE, PVC1120, PRESSURE RATING, NSF-PW, ASTM D2241, PS</td>
</tr>
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</table>

PPESH

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>024</td>
<td>PIPE, PVC, SCH 80, 1/2&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>034</td>
<td>PIPE, PVC, SCH 80, 3/4&quot;</td>
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<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>100</td>
<td>PIPE, PVC, SCH 80, 1&quot;, BELL TO SPIGOT ENDS.</td>
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<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>114</td>
<td>PIPE, PVC, SCH 80, 1-1/4&quot;</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>124</td>
<td>PIPE, PVC, SCH 80, 1-1/2&quot;, BELL TO SPIGOT ENDS.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>200</td>
<td>PIPE, PVC, 2&quot;, SCH 80, 20' LENGTHS</td>
</tr>
</tbody>
</table>
PUD-PIPE & TUBING

PPESH

Item Description: PIPE, PVC, SCH 80, 3", PLAIN END, 20 FT LENGTHS
Item Description: PIPE, PVC, SCH 80, 4", 20FT LENGTHS

PPESW

Item Description: PIPE, PVC, DR18 - 4", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.
Item Description: PIPE, PVC, DR18 - 6", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.
Item Description: PIPE, PVC, DR18 - 8", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.
Item Description: PIPE, PVC, DR18 - 10", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.
PUD-PIPE & TUBING

PPESW

**Item Description:** PIPE, PVC, DR18 - 12", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.

**Item Description:** PIPE, PVC, DR18 - 14", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.

**Item Description:** PIPE, PVC, DR25 - 16", 20 FT. LENGTHS, AWWA C-900, CLASS 165, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.

**Item Description:** PIPE, PVC, DR25 - 18", 20 FT. LENGTHS, AWWA C-900, CLASS 165, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.

**Item Description:** PIPE, PVC, DR18 - 20", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.

**Item Description:** PIPE, PVC, DR18 - 24", 20 FT. LENGTHS, AWWA C-900, CLASS 235, GREEN COLOR ONLY FOR SEWER FORCEMAIN SYSTEM.
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>040</td>
<td>PIPE, PVC SDR26-4&quot; (14 FT. JOINTS)</td>
<td>0943P0411G</td>
</tr>
<tr>
<td>060</td>
<td>PIPE PVC SDR26-6&quot; (14 FT LENGTHS)</td>
<td></td>
</tr>
<tr>
<td>080</td>
<td>PIPE, PVC SDR26-8&quot; (14 FT LENGTHS)</td>
<td></td>
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<tr>
<td>100</td>
<td>PIPE, PVC SDR26-10&quot; (14 FT JOINTS)</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>PIPE, PVC SDR26-12&quot; (14 FT JOINTS)</td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>PIPE, PVC SDR26-15&quot; (14 FT JOINTS)</td>
<td></td>
</tr>
<tr>
<td>304</td>
<td>PIPE, HDPE, SDR11, SERIES 4300 4&quot; DIP O.D., PIPE SHALL BE BLACK WITH GREEN STRIP, 40' LENGTHS.</td>
<td>0943P0411G</td>
</tr>
<tr>
<td>306</td>
<td>PIPE, HDPE, SDR11, SERIES 4300 6&quot; DIP O.D., PIPE SHALL BE BLACK WITH GREEN STRIP, 40' LENGTHS.</td>
<td>0943P0611G</td>
</tr>
</tbody>
</table>
PUD-PIPE & TUBING

PPETU

Item  Description:  TUBING, POLYETHYLENE 3/4" CTS O.D., PE 4710, SDR9 BLUE, 250 PSI RATING, 100 FT COILS. ** 10 COILS SHRINK WRAPPED PER PALLET**.

034

ADVANCE DRAINAGE SYSTEMS           ENDOT INDUSTRIES
ORDER BY DESCRIPTION                ORDER BY DESCRIPTION

Item  Description:  TUBING, POLYETHYLENE 1" CTS O.D., PE 4710, SDR9 BLUE, 250 PSI RATING, 100 FT COILS. ** 10 COILS SHRINK WRAPPED PER PALLET**.

100

ADVANCE DRAINAGE SYSTEMS           ENDOT INDUSTRIES
ORDER BY DESCRIPTION                ORDER BY DESCRIPTION

Item  Description:  TUBING, POLYETHYLENE 1 1/2" CTS O.D., PE 4710, SDR9 BLUE, 250 PSI RATING, 100 FT COILS. ** 10 COILS SHRINK WRAPPED PER PALLET**.

124

ADVANCE DRAINAGE SYSTEMS           ENDOT INDUSTRIES
ORDER BY DESCRIPTION                ORDER BY DESCRIPTION

Item  Description:  TUBING, POLYETHYLENE 2" CTS O.D., PE 4710, SDR9 BLUE, 250 PSI RATING, 100 FT COILS. ** 10 COILS SHRINK WRAPPED PER PALLET**.

200

ADVANCE DRAINAGE SYSTEMS           ENDOT INDUSTRIES
ORDER BY DESCRIPTION                ORDER BY DESCRIPTION

PPEVY

Item  Description:  PIPE, PVC - 42" X 13', GRAVITY SEWER, BELL AND SPIGOT, CLOSE PROFILE TYPE, WATER TIGHT JOINT, SMOOTH INTERIOR AND EXTERIOR. CARLON VYLON H.C. PIPE **NO SUBSTITUTE**.
### PUMPS (2)

**PUMSP**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>PUMP, MYERS MW50 FOR SEWER</td>
</tr>
<tr>
<td></td>
<td>MYERS PUMP</td>
</tr>
<tr>
<td></td>
<td>MYR-MW5011P</td>
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**PUMSU**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>020</td>
<td>PUMP, SUMP, 1/2 HP, 115 VAC, SUBMERSIBLE WITH VERTICAL FLOAT SWITCH &amp; 10' POWER CORD</td>
</tr>
<tr>
<td></td>
<td>MYERS PUMP</td>
</tr>
<tr>
<td></td>
<td>DS50-P1</td>
</tr>
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</table>

### ROD, THREADED

**RODCP**

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<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>010</td>
<td>COUPLING, ROD CONNECTOR, 3/4&quot; - 10, 316 SS</td>
</tr>
</tbody>
</table>

**RODTH**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>020</td>
<td>ROD, ALL THREAD, 3/4&quot; - 10 X 12', 316 SS, 12-FT. LENGHTS ONLY</td>
</tr>
</tbody>
</table>
SAFETY SUPPLIES

SAFBC

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>CAP, BASEBALL, FLEXFIT, COLOR IS NAVY. WITH THE &quot;JEA&quot; LOGO EMBROIDERED IN WHITE.</td>
</tr>
<tr>
<td></td>
<td>YUPOONG</td>
</tr>
<tr>
<td></td>
<td>6577CD</td>
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SAFBO

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>006</td>
<td>BOOTS, RUBBER KNEE SIZE, WATER PROOF, SIZE 6, STEEL SHANK, SERVICE RUBBER CO. P/N 18821/6</td>
</tr>
<tr>
<td></td>
<td>BATA INDUSTRIAL</td>
</tr>
<tr>
<td></td>
<td>LACROSSE/RAINFAIR</td>
</tr>
<tr>
<td></td>
<td>86102/6</td>
</tr>
<tr>
<td></td>
<td>89682 SIZE 6</td>
</tr>
<tr>
<td>013</td>
<td>BOOTS KNEE PVC, SIZE 13, STEEL TOE (FACTORY NAME AND STOCK NUMBER MUST BE INDICATED ON CARTON)</td>
</tr>
<tr>
<td></td>
<td>DUNLOP</td>
</tr>
<tr>
<td></td>
<td>86776 SIZE 13</td>
</tr>
<tr>
<td>014</td>
<td>16&quot; KNEE BOOTS BLACK UPPER PORTION, GRAY SOLE, SIZE 14, STEEL TOE AND STEEL SHANK.</td>
</tr>
<tr>
<td></td>
<td>ONGUARD INDUSTRIES (BATA)</td>
</tr>
<tr>
<td></td>
<td>89682-14</td>
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<tr>
<td>015</td>
<td>16&quot; KNEE BOOTS BLACK UPPER PORTION, GRAY SOLE, SIZE 15, STEEL TOE AND STEEL SHANK.</td>
</tr>
<tr>
<td></td>
<td>ONGUARD INDUSTRIES (BATA)</td>
</tr>
<tr>
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<td>89682-15</td>
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<tr>
<td>016</td>
<td>BOOTS KNEE PVC, SIZE 16, STEEL TOE, FACTORY NAME AND STOCK NUMBER MUST BE INDICATED ON CARTON</td>
</tr>
<tr>
<td></td>
<td>DUNLOP</td>
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<tr>
<td></td>
<td>89086/16</td>
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</table>
SAFETY SUPPLIES

SAFCC

Item  Description: COVERALL, LARGE, TYVEK FABRIC COATED WITH POLYETHYLENE, COLOR YELLOW, FULL-LENGTH NON-SPARKING ZIPPER. KAPPLER TYVEK
120

DUPONT
QC120S LGE

Item  Description: COVERALL, X-LARGE, TYVEK FABRIC COATED WITH POLYETHYLENE, COLOR YELLOW, FULL-LENGTH NON-SPARKING ZIPPER. KAPPLER TYVEK, (STD. PKG 12 EA)
121

DUPONT
QC120S EX LGE

Item  Description: COVERALL, XX-LARGE, TYVEK FABRIC COATED WITH POLYETHYLENE, COLOR YELLOW, FULL-LENGTH NON-SPARKING ZIPPER. KAPPLER TYVEK
122

DUPONT
QC120S XXL

Item  Description: COVERALL, XXX-LARGE, TYVEK FABRIC COATED WITH POLYETHYLENE, COLOR YELLOW, FULL-LENGTH NON-SPARKING ZIPPER. KAPPLER TYVEK
123

DUPONT
QC120S-XXXL

Item  Description: COVERALL, XXXX-LARGE, TYVEK FABRIC COATED WITH POLYETHYLENE, COLOR YELLOW, FULL-LENGTH NON-SPARKING ZIPPER. KAPPLER TYVEK
124

DUPONT
QC120S-XXXXL

SAFETY

Item  Description: FRAME BRACKET FOR FACESHIELD VISOR TO BE USED FOR FULL BRIM HARDHAT.
038

MSA
10116627
SAFETY SUPPLIES

SAFGL

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>080</td>
<td>GLOVE, WINTER, FOR COLD WEATHER COWHIDE LEATHER WITH 3M THINSULATE LINER</td>
</tr>
<tr>
<td></td>
<td>SIZE: ONE SIZE FITS ALL, 1 EACH = 1 PAIR.</td>
</tr>
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</table>

NORTH SUPPLY

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<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>70/6465NK</td>
<td>GLOVE, MECHANIX, SMALL, COLOR BLACK, STREAMLINED ELASTIC CUFF W/ADJUSTABLE</td>
</tr>
<tr>
<td></td>
<td>HOOK AND LOOP CLOSURE, REINFORCED THUMB AND FINGERS, SYNTHETIC LEATHER</td>
</tr>
<tr>
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<td>PALM.</td>
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MECHANIX WEAR

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<th>Description</th>
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<tbody>
<tr>
<td>MG-05-008</td>
<td>GLOVE, MECHANIX, XX-LARGE, COLOR BLACK, STREAMLINED ELASTIC CUFF W/ADJUSTABLE</td>
</tr>
<tr>
<td></td>
<td>HOOK AND LOOP CLOSURE, REINFORCED THUMB AND FINGERS, SYNTHETIC LEATHER</td>
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<td>PALM.</td>
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SAFRE

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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>002</td>
<td>RESPIRATOR, DUST MASK - (FOR COMMON DUST &amp; POLLEN).</td>
</tr>
</tbody>
</table>

3M

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>8511</td>
<td>3M REF.TAPE APPLIED TO JKT SLEEVE &amp; HEM SMALL. NEW &quot;JEA&quot;LOGO (MIN 3-1/2&quot; LEFT</td>
</tr>
<tr>
<td>8212</td>
<td>FRONT &amp; 8&quot; ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.</td>
</tr>
</tbody>
</table>

SAFRW

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>RAINWEAR, JACKET-W / ATTACHED HOOD, ARC/FR RATED, HIGH VISIBILITY FLOURSCENT</td>
</tr>
<tr>
<td></td>
<td>LIME/YELLOW. 7/8&quot; 3M REF.TAPE APPLIED TO JKT SLEEVE &amp; HEM SMALL. NEW &quot;JEA&quot;</td>
</tr>
<tr>
<td></td>
<td>LOGO (MIN 3-1/2&quot; LEFT FRONT &amp; 8&quot; ON BACK). CONTACT BRAND MGMT FOR JEA LOGO</td>
</tr>
<tr>
<td></td>
<td>SPECS.</td>
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KSI SAFETY

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<th>Item</th>
<th>Description</th>
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LAKELAND\DUPONT

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<tr>
<th>Item</th>
<th>Description</th>
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### SAFETY SUPPLIES

#### SAFRW

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<tr>
<th>Item</th>
<th>Description</th>
<th>KSI SAFETY</th>
<th>Item</th>
<th>Description</th>
<th>KSI SAFETY</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>RAINWEAR, JACKET-W / ATTACHED HOOD, ARC/FR RATED, HIGH VIS. FLOURESCENT LIME/YELLOW. 7/8&quot; 3M REFLECTIVE TAPE APPLIED TO JKT SLEEVE &amp; HEM. MEDIUM, NEW &quot;JEA&quot;LOGO (MIN 3-1/2&quot; LFT FRNT &amp; 8&quot; ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.</td>
<td>LAKELAND\DUPONT</td>
<td>020802JLYM</td>
<td>AJPU10LY-M</td>
<td></td>
</tr>
<tr>
<td>102</td>
<td>RAINWEAR, JACKET-W / ATTACH HOOD, ARC/FR RATED, HIGH VISIBLE FLOURESNT LIME/YELL. 7/8&quot; 3M REFLECT TAPE APPL. TO JKT SLEEVE &amp; HEM. LARGE, NEW &quot;JEA&quot;LOGO (MIN 3-1/2&quot; LEFT FRONT &amp; 8&quot; ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.</td>
<td>LAKELAND\DUPONT</td>
<td>020802JLYL</td>
<td>AJPU10LY-L</td>
<td></td>
</tr>
<tr>
<td>103</td>
<td>RAINWEAR, JACKET-W / ATTACH HOOD, ARC/FR RATED, HIGH VISIBILE FLOURESNT LIME/YELL. 7/8&quot; 3M REFLECTIVE TAPE APPLIED TO JKT SLEEVE &amp; HEM. X-LARGE, NEW &quot;JEA&quot; LOGO (MIN 3-1/2&quot; LEFT FRT &amp; 8&quot; ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.</td>
<td>LAKELAND\DUPONT</td>
<td>020802JLYXL</td>
<td>AJPU10LY-XL</td>
<td></td>
</tr>
<tr>
<td>104</td>
<td>RAINWEAR, JACKET-W / ATTACHED HOOD, ARC/FR RATED, HIGH VISIBLE FLOURESCENT LIME/YELL. 7/8&quot; 3M REFLECT TAPE APPLIED TO JKT SLEEVE &amp; HEM. XX-LARGE, NEW &quot;JEA&quot;LOGO (MIN 3-1/2&quot; LEFT FRONT &amp; 8&quot; ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.</td>
<td>LAKELAND\DUPONT</td>
<td>020802JLYXXL</td>
<td>AJPU10LY-XXL</td>
<td></td>
</tr>
<tr>
<td>105</td>
<td>RAINWEAR, JACKET-W / ATTACHED HOOD, ARC/FR RATED HGH VISIBILE FLOURECNT LIME/YELL. 7/8&quot; 3M REFLECT TAPE APPLIED TO JKT SLEEVE &amp; HEM. XXX-LARGE, NEW &quot;JEA&quot;LOGO (MIN 3-1/2&quot; LEFT FRONT &amp; 8&quot; ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.</td>
<td>LAKELAND\DUPONT</td>
<td>020802JLYXXXL</td>
<td>AJPU10LY-XXXL</td>
<td></td>
</tr>
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</table>
### SAFETY SUPPLIES

#### SAFRW

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>KSI SAFETY</th>
<th>LAKELAND\DUPONT</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>RAINWEAR, JACKET-W / ATTCHED HOOD, ARC/FR RATED, HGH VISIBIL FLOURESC LIME/YELLOW. 7/8&quot; 3M REFLECT TAPE APPLIED TO JKT SLEEVE &amp; HEM. XXXX-LARGE, NEW &quot;JEA&quot;LOGO (MIN 3-1/2&quot; LEFT FRONT &amp; 8&quot; ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.</td>
<td>020802JLYXXXXL</td>
<td>AJPU10LY-XXXXL</td>
</tr>
<tr>
<td>110</td>
<td>RAINWEAR, OVERALL - FLY FRONT, ARC/FR RATED, HIGH VISIBILITY FLOURESCENT LIME/YELLOW. SIZE: SMALL</td>
<td>0208020LYS</td>
<td>ABPU10LYZ-SM</td>
</tr>
<tr>
<td>111</td>
<td>RAINWEAR, OVERALL - FLY FRONT, ARC/FR RATED, HIGH VISIBILITY FLOURESCENT LIME/YELLOW. SIZE: MEDIUM.</td>
<td>0208020LYM</td>
<td>ABPU10LYZ-M</td>
</tr>
<tr>
<td>112</td>
<td>RAINWEAR, OVERALL - FLY FRONT, ARC/FR RATED, HIGH VISIBILITY FLOURESCENT LIME/YELLOW. SIZE: LARGE</td>
<td>0208020LYL</td>
<td>ABPU10LYZ-L</td>
</tr>
<tr>
<td>113</td>
<td>RAINWEAR, OVERALL - FLY FRONT, ARC/FR RATED, HIGH VISIBILITY FLOURESCENT LIME/YELLOW. SIZE: X-LARGE.</td>
<td>0208020LYXL</td>
<td>ABPU10LYZ-XL</td>
</tr>
<tr>
<td>114</td>
<td>RAINWEAR, OVERALL - FLY FRONT, ARC/FR RATED, HIGH VISIBILITY FLOURESCENT LIME/YELLOW. SIZE: XX-LARGE.</td>
<td>0208020LYXXL</td>
<td>ABPU10LYZ-XXL</td>
</tr>
</tbody>
</table>
SAFETY SUPPLIES

SAFRW

Item   Description:  RAINWEAR, OVERALL - FLY FRONT, ARC/FR RATED, HIGH VISIBILITY FLOURESCENT LIME/YELLOW. SIZE: XXX-LARGE
        KSI SAFETY  LAKELAND\DUPONT
        0208020LYXXXL  ABPU10LYZ-XXXL

Item   Description:  RAINWEAR, OVERALL - FLY FRONT, ARC/FR RATED, HIGH VISIBILITY FLOURESCENT LIME/YELLOW. SIZE: XXXX-LARGE
        KSI SAFETY  LAKELAND\DUPONT
        0208020LYXXXXL  ABPU10LYZ-XXXXL

Item   Description:  RAINWEAR, LONG COAT-W / ATTCHD HOOD, ARC/FR RATED, SMALL, 48" LONG, HGH VIS FLORSCNT LIME/YEL.  7/8" 3M REFLECTIV TAPE APPLD TO COAT SLEEVE & HEM. NEW "JEA"LOGO (MIN 3-1/2" LFT FRONT & 8" ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.
        KSI SAFETY  LAKELAND\DUPONT
        020802CLY-S  ALCPU10LY-S

Item   Description:  RAINWEAR, LONG COAT-W / ATTCHD HOOD, ARC/FR RATED, MEDIUM, 48" LENGTH, IGH VIS FLORSCNT LIME/YEL.  7/8" 3M REFLECT TAPE APPLIED TO COAT SLEEVE & HEM. NEW "JEA" LOGO (MIN 3-1/2" LEFT & 8" ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.
        KSI SAFETY  LAKELAND\DUPONT
        020802CLY-M  ALCPU10LY-M

Item   Description:  RAINWEAR, LONG COAT-W / ATTCHD HOOD, ARC/FR RATED, LARGE, 48" LONG, HIGH VIS FLOURSCNT LIME/YELLOW.  7/8" 3M REFLECT TAPE APPLIED TO COAT SLEEVE & HEM. "JEA" LOGO (MIN 3-1/2"LEFT&8"ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.
        KSI SAFETY  LAKELAND\DUPONT
        020802CLY-L  ALCPU10LY-L
SAFETY SUPPLIES

SAFRW

Item Description: RAINWEAR, LONG COAT-W / ATTACHD HOOD, ARC/FR RATED, X-LARGE, 48" LONG, HGH VISIBI FLOURSCNT LIME/YELLOW. 7/8" 3M REFLECT TAPE APPLIED TO COAT SLEV. & HEM. NEW "JEA" LOGO (MIN 3-1/2"LEFT&8"ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.

KSI SAFETY
020802CLY-XL

LAKELAND\DUPONT
ALCPU10LY-XL

Item Description: RAINWEAR, LONG COAT-W / ATTACHD HOOD, ARC/FR RATED, XX-LARGE, 48" LONG, HIGH VISIB FLOURSCNT LIME/YELLOW. 7/8" 3M REFLECT TAPE APPLIED TO COAT SLEEVE & HEM. NEW "JEA" LOGO (MIN 3-1/2"LEFT&8"ON BACK). CONTACT BRAND MGMT FOR JEA LOGO SPECS.

KSI SAFETY
020802CLY-XXL

LAKELAND\DUPONT
ALCPU10LY-XXL

SAFTC

Item Description: VEST, SAFETY, ORANGE MESH, SIZE SMALL CLASS 2 WITH 2" SILVER RETRO REFLECTIVE STRIPES, VELCRO FRONT CLOSURE. JEA LOGO MID BACK AND JEA LETTERS FRONT LEFT SIDE. CONTACT BRAND MGMT FOR JEA LOGO SPECS.

ESTEX MANUFACTURING CO
16152OJEA-S

RADIANS SAFETY
SV20MS

Item Description: VEST, SAFETY, ORANGE MESH, SIZE LARGE CLASS 2 WITH 2" SILVER RETRO REFLECTIVE STRIPES, VELCRO FRONT CLOSURE. JEA LOGO MID BACK AND JEA LETTERS FRONT LEFT SIDE. CONTACT BRAND MGMT FOR JEA LOGO SPECS.

ESTEX MANUFACTURING CO
16152OJEA-L

RADIANS SAFETY
SV20ML

SAFETY PRODUCTS INC.
TCSV20MLJEA
SAFETY SUPPLIES

SAFTC

| Item | Description | ESTEX MANUFACTURING CO | RADIANS SAFETY | SAFETY PRODUCTS INC.
|------|-------------|------------------------|----------------|----------------------
| 016  | VEST, SAFETY, ORANGE MESH, SIZE X-LARGE CLASS 2 WITH 2" SILVER RETRO REFLECTIVE STRIPES, VELCRO FRONT CLOSURE. JEA LOGO MID BACK AND JEA LETTERS FRONT LEFT SIDE. CONTACT BRAND MGMT FOR JEA LOGO SPECS. | 16152OJEA-XL | SV20MXXL | TCSV20MXXLJEA |
| 017  | VEST, SAFETY, ORANGE MESH, SIZE MEDIUM CLASS 2 WITH 2" SILVER RETRO REFLECTIVE STRIPES, VELCRO FRONT CLOSURE. JEA LOGO MID BACK AND JEA LETTERS FRONT LEFT SIDE. CONTACT BRAND MGMT FOR JEA LOGO SPECS. | 16152OJEA-M | SV20MM | TCSV20MMJEA |
| 018  | VEST, SAFETY, ORANGE MESH, SIZE 2XLARGE CLASS 2 WITH 2" SILVER RETRO REFLECTIVE STRIPES, VELCRO FRONT CLOSURE. JEA LOGO MID BACK AND JEA LETTERS FRONT LEFT SIDE. CONTACT BRAND MGMT FOR JEA LOGO SPECS. | 16152OJEA-2XL | SV20M2X | TCSV20M2XLJEA |
| 021  | VEST, SAFETY, ORANGE MESH, SIZE 3XLARGE CLASS 2 WITH 2" SILVER RETRO REFLECTIVE STRIPES, VELCRO FRONT CLOSURE. JEA LOGO MID BACK AND JEA LETTERS FRONT LEFT SIDE. CONTACT BRAND MGMT FOR JEA LOGO SPECS. | 16152OJEA-3XL | SV20M3X | TCSV20M3XLJEA |
| 022  | VEST, SAFETY, ORANGE MESH, SIZE 4XLARGE, CLASS 2 WITH 2" SILVER RETRO REFLECTIVE STRIPES, VELCRO FRONT CLOSURE. JEA LOGO MID BACK AND JEA LETTERS FRONT LEFT SIDE. CONTACT BRAND MGMT FOR JEA LOGO SPECS. | 16152OJEA-4XL | SV20M4X | TCSV20M4XLJEA |
SAFETY SUPPLIES

SAFTC

Item Description: VEST, SAFETY, ORANGE MESH, SIZE 5XLARGE, CLASS 2 WITH 2" SILVER RETRO REFLECTIVE STRIPES, VELCRO FRONT CLOSURE. JEA LOGO MID BACK AND JEA LETTERS FRONT LEFT SIDE. CONTACT BRAND MGMT FOR JEA LOGO SPECS.

ESTEX MANUFACTURING CO RADIANS SAFETY SAFETY PRODUCTS INC.
16152OJE-A-5XL SV20M5X TCSV20M5XLJEA

Item Description: ON HOLD - COVERALL, SMALL, TYCHEM (LAKELAND/DUPONT) W \ SEALED SEAMS, W \ ELASTIC FACE, WRIST, & ANKLES. COLOR WHITE, ALL GARMENTS MUST HAVE STORM FLAP W \ PRESSURE SENSITIVE TAPE.

LAKELAND\DUPONT C2T132S

Item Description: ON HOLD - COVERALL, MEDIUM, TYCHEM (LAKELAND/DUPONT) W \ SEALED SEAMS, W \ ELASTIC FACE, WRIST, & ANKLES. COLOR WHITE, ALL GARMENTS MUST HAVE STORM FLAP W \ PRESSURE SENSITIVE TAPE.

LAKELAND\DUPONT C2T132M

Item Description: COVERALL, LARGE, TYCHEM (LAKELAND/DUPONT) W \ SEALED SEAMS, W \ ELASTIC FACE, WRIST, & ANKLES. COLOR WHITE, ALL GARMENTS MUST HAVE STORM FLAP W \ PRESSURE SENSITIVE TAPE.

LAKELAND\DUPONT C2T132L

Item Description: COVERALL, X-LARGE, TYCHEM (LAKELAND/DUPONT) W \ SEALED SEAMS, W \ ELASTIC FACE, WRIST, & ANKLES. COLOR WHITE, ALL GARMENTS MUST HAVE STORM FLAP W \ PRESSURE SENSITIVE TAPE.

LAKELAND\DUPONT C2T132XL

Item Description: COVERALL, XX-LARGE, TYCHEM (LAKELAND/DUPONT) W \ SEALED SEAMS, W \ ELASTIC FACE, WRIST, & ANKLES. COLOR WHITE, ALL GARMENTS MUST HAVE STORM FLAP W \ PRESSURE SENSITIVE TAPE.

LAKELAND\DUPONT C2T132XXL
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
<th>Quantity</th>
<th>Supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>WATER CANTEEN, 70OZ, CAMELBAK WATER MASTER</td>
<td>CAMELBAK</td>
<td>1749401000</td>
<td></td>
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<tr>
<td>003</td>
<td>CLEANING BRUSH KIT AND RESERVOIR DRYER (FOR CAMELBAK WATER MASTER)</td>
<td>CAMELBAK</td>
<td>2054901000</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>HIP-BOOT, SIZE 7, PVC, STEEL TOE AND STEEL MIDSOLE (NO SUBSTITUTE), FACTORY NAME AND STOCK</td>
<td>LACROSSE</td>
<td>10905</td>
<td>ONGUARD INDUSTRIES (BATA)</td>
</tr>
<tr>
<td></td>
<td>NUMBER MUST BE INDICATED ON PACKAGE</td>
<td></td>
<td>86856</td>
<td></td>
</tr>
<tr>
<td>130</td>
<td>BOOTS HIP PVC, SIZE 8, STEEL TOE AND STEEL MIDSOLE. (NO SUBSTITUTE), FACTORY NAME AND STOCK</td>
<td>LACROSSE</td>
<td>10905</td>
<td>ONGUARD INDUSTRIES (BATA)</td>
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<tr>
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<td>NUMBER MUST BE INDICATED ON PACKAGE</td>
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<td>86856</td>
<td></td>
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<tr>
<td>140</td>
<td>HIP-BOOTS, SIZE 9, PVC, STEEL TOE AND STEEL MIDSOLE. (NO SUBSTITUTE), FACTORY NAME AND STOCK</td>
<td>LACROSSE</td>
<td>00109050</td>
<td>ONGUARD INDUSTRIES (BATA)</td>
</tr>
<tr>
<td></td>
<td>NUMBER MUST BE INDICATED ON PACKAGE</td>
<td></td>
<td>86856</td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>BOOTS HIP, PVC, SIZE 10, STEEL TOE AND STEEL MIDSOLE (NO SUBSTITUTE), FACTORY NAME AND STOCK</td>
<td>LACROSSE</td>
<td>10905</td>
<td>ONGUARD INDUSTRIES (BATA)</td>
</tr>
<tr>
<td></td>
<td>NUMBER MUST BE INDICATED ON PACKAGE</td>
<td></td>
<td>86856</td>
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### PUD-SAFETY SUPPLIES

#### SFTCC

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item</th>
<th>Description</th>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>160</td>
<td><strong>HIP-BOOT, SIZE 11, PVC, STEEL TOE AND STEEL MIDSOLE. (NO SUBSTITUTE), FACTORY NAME AND STOCK NUMBER MUST BE INDICATED ON PACKAGE.</strong></td>
<td>170</td>
<td><strong>HIP-BOOTS, SIZE 12, PVC, STEEL TOE AND STEEL MIDSOLE. (NO SUBSTITUTE), FACTORY NAME AND STOCK NUMBER MUST BE INDICATED ON PACKAGE.</strong></td>
<td>172</td>
<td><strong>HIP-BOOTS, SIZE 13, PVC, STEEL TOE AND STEEL MIDSOLE. (NO SUBSTITUTE), FACTORY NAME AND STOCK NUMBER MUST BE INDICATED ON PACKAGE.</strong></td>
</tr>
<tr>
<td></td>
<td><strong>LACROSSE</strong></td>
<td></td>
<td><strong>LACROSSE</strong></td>
<td></td>
<td><strong>LACROSSE</strong></td>
</tr>
<tr>
<td>00109050</td>
<td>ONGUARD INDUSTRIES (BATA)</td>
<td>2400-9091</td>
<td>ONGUARD INDUSTRIES (BATA)</td>
<td>10905</td>
<td>ONGUARD INDUSTRIES (BATA)</td>
</tr>
<tr>
<td>86856- SIZE 11</td>
<td></td>
<td>86856</td>
<td></td>
<td>86856- SIZE 13</td>
<td></td>
</tr>
<tr>
<td>175</td>
<td><strong>HIP-BOOTS, SIZE 14, PVC, STEEL TOE AND STEEL MIDSOLE. (NO SUBSTITUTE), FACTORY NAME AND STOCK NUMBER MUST BE INDICATED ON PACKAGE.</strong></td>
<td>185</td>
<td>**CUSHION - 3&quot; X 15&quot; X 15&quot; SEAT, STANDARD GRADE POLYFOAM, COVER TO BE MADE OF 32 ONCE VINYL, BROWN OR RUST. ** 32 OZ. VINYL COVER ONLY -- NO SUBSTITUTE **</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>LACROSSE</strong></td>
<td></td>
<td><strong>LACROSSE</strong></td>
<td></td>
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<tr>
<td>10905</td>
<td></td>
<td>10905</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>185</td>
<td>**CUSHION - 3&quot; X 15&quot; X 15&quot; SEAT, STANDARD GRADE POLYFOAM, COVER TO BE MADE OF 32 ONCE VINYL, BROWN OR RUST. ** 32 OZ. VINYL COVER ONLY -- NO SUBSTITUTE **</td>
<td></td>
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</tr>
</tbody>
</table>

- **Item** | **Description**                                                                 |
- **AMMEX** | **GLOVE, LATEX, NON-POWDERED, NON MEDICAL GRADE, 50 PAIR PER DISPENSER (50 PAIR EQUALS 1 EACH)** |
- **C & K**  | **42-L**                                                                      |
- **SAFETY ZONE** | **GRPR-L-1-T**                                                                 |
### PUD-SAFETY SUPPLIES

**SFTCC**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>220</td>
<td>GLOVES, NEOPRENE COATED, 12&quot; MENS SIZE, FULLY COATED EXTERIOR, 2-PC FABRIC LINING, CURVED FINGERS AND WING THUMB, INDUSTRIAL WEIGHT COATING ONLY, BEST #6780R, EDMONT #9-922, GRANET STYLE 612 ***** NO SUBSTITUTE *****</td>
</tr>
<tr>
<td></td>
<td>BEST PROCESS CO.</td>
</tr>
<tr>
<td>6780R</td>
<td>9-922</td>
</tr>
<tr>
<td>230</td>
<td>GLOVES, NYLON COATED, ROUGH NYLON COATED PARTICLE FINISH, SIZE 10, JERSEY LINED, 2-PIECE LINING, PRE-FLEXED CURVED FINGERS &amp; WING THUMB, 14&quot; GAUNTLET, STYLE # 12-214. ANSELL EDMONT #04815, GRAINGER #4T430 <strong><strong>NO SUBSTITUTE</strong></strong></td>
</tr>
<tr>
<td></td>
<td>EDMONT</td>
</tr>
<tr>
<td>4-644</td>
<td>4T430</td>
</tr>
<tr>
<td>270</td>
<td>RUBBER GLOVES, HOUSEHOLD, NON-SLIP, LARGE SIZE 9, MUST BE PACKAGED (1) PAIR PER PACKAGE, 144/PAIR PER CARTON SSA09057 TWIST MILLS #F18LX SIZE MUST BE PRINTED ON GLOVE OR PACKAGE SAMPLE MUST BE SUBMITTED BEFORE AWARD</td>
</tr>
</tbody>
</table>

**NORTH SAFETY EQUIPMENT**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>276</td>
<td>GLOVES, KEVLAR/COTTON BLEND - MEDIUM WEIGHT GLOVE WITH A KNIT SHELL OF KEVLAR AND COTTON, EXTRA CUSHIONING INSIDE THE GLOVE FOR COMFORT AND HEAT RESISTANCE. YELLOW COLOR.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>280</td>
<td>GLOVES, NEOPRENE COATED, SHOULDER LENGTH PROTECTION, CURVED FINGERS, WING THUMB, FULL INDUSTRIAL WEIGHT COATED GAUNTLET 31&quot; (MIN) LENGTH, BLACK COLOR, CHEMICAL RESISTANT.</td>
</tr>
<tr>
<td></td>
<td>EDMONT</td>
</tr>
<tr>
<td>9-430</td>
<td>27784</td>
</tr>
</tbody>
</table>
### PUD—SAFETY SUPPLIES

**SFTCC**

**Item** | **Description** |
--- | --- |
14-0Y | GLOVES, LINEMAN'S - SIZE 10, 14" LONG RUBBER LINEMAN'S GLOVES TO BE LOW VOLT-AGE, CLASS 0, TYPE 1. |
E014Y | NORTH SAFETY EQUIPMENT |
E014R | WHITE RUBBER CO. |
503RU W/EN-FOG | MIDLAND ROSS |
9301 FUTURA | UVEX SAFETY, INC. |
6T363 | W W GRAINGER |

**Item** | **Description** |
--- | --- |
503RU W/EN-FOG | GOGGLE, SAFETY - CLEAR, POLYCARBONATE SAFETY LENS, 160 DEGREE VISION, VENTING SYSTEM, FOG FREE LENS (INSIDE & OUT, 96% UV INHIBITIVE (MIN OF 400 NM), NEOPRENE HEADBAND. |
9301 FUTURA | |

**Item** | **Description** |
--- | --- |
503RU W/EN-FOG | GLOVE, SMALL SIZE PROTECTION FROM SHOCK AND IMPACT WITH WRIST SUPPORT ANTI-BACTERIAL LINING. MACHINE WASHABLE. COME IN AS A PAIR *NO SUBSTITUTION WITHOUT PRIOR APPROVAL* *** ( 1 EACH = 1 PAIR ) *** |
9301 FUTURA | |
6T363 | |

**ERGODYNE PROPLEX**

**Item** | **Description** |
--- | --- |
MODEL#910-SMALL | GLOVE, MEDIUM SIZE, PROTECTION FROM SHOCK AND IMPACT WITH WRIST SUPPORT, ANTI-BACTERIAL LINING. MACHINE WASHABLE. *NO SUBSTITUTION WITHOUT PRIOR APPROVAL* *** ( 1 EACH = 1 PAIR ) *** |
MODEL#910-MEDIUM | |

**Item** | **Description** |
--- | --- |
MODEL#910-LARGE | GLOVE, LARGE SIZE PROTECT FROM SHOCK AND IMPACT WITH WRIST SUPPORT, ANTI-BACTERIAL LINING. MACHINE WASHABLE. *NO SUBSTITUTION WITHOUT PRIOR APPROVAL* *** ( 1 EACH = 1 PAIR ) *** |
PUD-SAFTY SUPPLIES

SFTCC

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>314</td>
<td>GLOVE, XLARGE PROTECTION FROM SHOCK AND IMPACT WITH WRIST SUPPORT. ANTI-BACTERIAL LINING. MACHINE WASHABLE. <em>NO SUBSTITUTION WITHOUT PRIOR APPROVAL</em> *** (1 EACH = 1 PAIR) ***</td>
</tr>
</tbody>
</table>

ERGODYNE PROFLEX

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>316</td>
<td>GLOVE, XXLARGE PROTECTION FROM SHOCK AND IMPACT WITH WRIST SUPPORT. ANTI-BACTERIAL LINING. MACHINE WASHABLE. <em>NO SUBSTITUTION WITHOUT PRIOR APPROVAL</em> *** (1 EACH = 1 PAIR) ***</td>
</tr>
</tbody>
</table>

ERGODYNE PROFLEX

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>490</td>
<td>SHIELD, FACE MODEL, SHIELD TO ATTACH TO BULLARD MODEL #5100 HARD HAT, CLEAR SHIELD TO BE GENERAL PURPOSE TYPE FOR PROTECTION AGAINST LIGHT IMPACT, CHEMICAL SPLASH AND SPRAY. SHIELD DIMENSIONS 8&quot; X 15&quot; X .040&quot;.</td>
</tr>
</tbody>
</table>

BULLARD

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>840-M</td>
<td>WADER, CHEST - SIZE 10, STEEL TOE, VINYL COATED NYLON UPPERS, INJECTION MOLDED POLYVINYL CHLORIDE BOTTOMS, RESISTANT TO ACIDS, GREASE, CHEMICALS AND PETROLEUM. STEEL SHANK, CLEATED SOLE, TOP DRAWSTRING.</td>
</tr>
</tbody>
</table>

BATA INDUSTRIAL

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>86067</td>
<td>WADER, CHEST - SIZE 12, STEEL TOE, VINYL COATED NYLON UPPERS, INJECTION MOLDED POLYVINYL CHLORIDE BOTTOMS, RESISTANT TO ACIDS, GREASE, CHEMICALS AND PETROLEUM. STEEL SHANK, CLEATED SOLE, TOP DRAWSTRING.</td>
</tr>
</tbody>
</table>
PUD—SAFETY SUPPLIES

**SFTCC**

**Item**  **Description:** FACE SHIELD, CPR — DISPOSABLE FACE SHIELD, FOR USE ON LAERDAL CPR TRAINING MANIKANS. (36 SHIELDS PER BX, 6 BOXES PER CASE)

**LAERDAL**

151201

**SFTDD**

**Item**  **Description:** MARKER, UTILITY — SEWER VALVE, 5'-2" H X 3-3/4" W, FIBERGLASS MARKER, GREEN COLOR W/VINYL SEWER DECAL, DECAL TO READ: "CAUTION SEWER PIPELINE VALVE", BEFORE DIGGING OR IN CASE OF EMERGENCY CALL 665-4802

**CARSONITE**

CJF-1593

**ELECTROMARK**

JEAO25-L-SV-TN1

**Item**  **Description:** MARKER, UTILITY — WATER METER, 5'-2"H X 3-3/4"W, FIBERGLASS MARKER, BLUE COLOR W/VINYL WATER DECAL, DECAL TO READ: "CAUTION WATER METER", IN CASE OF EMERGENCY CALL 665-4801

**ELECTROMARK**

JEAO26-L-SV-TN1

**Item**  **Description:** MARKER, UTILITY — WATER VALVE, 5'-2"H X 3-3/4"W, FIBERGLASS MARKER, BLUE COLOR W/VINYL WATER DECAL, DECAL TO READ: "CAUTION WATER PIPELINE VALVE", BEFORE DIGGING OR IN CASE OF EMERGENCY CALL 665-4801

**CARSONITE**

6135-JEA

**ELECTROMARK**

JEAO24-L-SV-TN1

**Item**  **Description:** MARKER UTILITY — RECLAIM WATER, 5' 2" H X 3-3/4" W. FIBERGLASS MARKER, PANTONE PURPLE 522C COLOR W/VINYL WATER DECAL, "CAUTION RECLAIM WATER VALVE", BEFORE DIGGING OR IN CASE OF EMERGENCY CALL 665-4802

**CARSONITE**

JEA-15045

**ELECTROMARK**

JEAO27-L-SV-TN1
PUD-SAFETY SUPPLIES

SFTDD

<table>
<thead>
<tr>
<th>Item</th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>403</td>
<td>FLAG, MARKING - UTILITY MARKING FLAG. 21&quot; LONG WIRE STAFF WITH 4&quot; X 5&quot; FLAG. BLUE W/ WHITE LETTERING. &quot;CAUTION BURIED WATER LINE&quot;. FLAGS/PAINT PLACED TO PROTECT BURIED UTILITIES, CALL 811, VISIT <a href="http://WWW.SUNSHINE811.COM">WWW.SUNSHINE811.COM</a>. ** 1000 FLAG PER CASE.**</td>
<td>BLACKBURN 11342</td>
</tr>
<tr>
<td>411</td>
<td>FLAG, MARKING - UTILITY MARKING FLAG. 21&quot; LONG WIRE STAFF W/ 4&quot; X 5&quot; FLAG. GREEN W/ WHITE LETTERING. &quot;CAUTION BURIED SEWER LINE&quot;. FLAGS/PAINT PLACED TO PROTECT BURIED UTILITIES, CALL 811, VISIT <a href="http://WWW.SUNSHINE811.COM">WWW.SUNSHINE811.COM</a>. ** 1000 FLAG PER CASE.**</td>
<td>BLACKBURN 11397</td>
</tr>
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SFTGL

<table>
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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>100</td>
<td>GLOVE, *BLUE *, POWDER-FREE, EXAM GLOVES, LATEX, EXTENDED CUFF, MEDIUM, 50 PAIR PER DISPENSER BOX</td>
<td>MICROFLEX CORP. SG375 M</td>
</tr>
<tr>
<td>101</td>
<td>GLOVE, *BLUE *, POWDER-FREE, EXAM GLOVES, LATEX, EXTENDED CUFF, LARGE, 50 PAIR PER DISPENSER BOX</td>
<td>MICROFLEX CORP. SG375 L</td>
</tr>
<tr>
<td>102</td>
<td>GLOVE, *BLUE *, POWDER-FREE, EXAM GLOVES, LATEX, EXTENDED CUFF, X-LARGE, 50 PAIR PER DISPENSER BOX</td>
<td>MICROFLEX CORP. SG375 XL</td>
</tr>
</tbody>
</table>
PUD—SAFETY SUPPLIES

SFTGL

**ITEM** **DESCRIPTION**

103  GLOVES, PREMIUM PLUS HD INDUSTRIAL NITRILE GLOVES, 8 TO 9 MIL THICK, ROUGH TEXTURE, 9.5" IN LENGTH, POWDER FREE. ****MEDIUM SIZE****ONE EACH EQUALS A BOX OF 50****

ORDER BY DESCRIPTION

104  GLOVES, PREMIUM PLUS HD INDUSTRIAL NITRILE GLOVES, 8 TO 9 MIL THICK, ROUGH TEXTURE, 9.5" IN LENGTH, POWDER FREE. ****LARGE SIZE****ONE EACH EQUALS A BOX OF 50****

ORDER BY DESCRIPTION

105  GLOVES, PREMIUM PLUS HD INDUSTRIAL NITRILE GLOVES, 8 TO 9 MIL THICK, ROUGH TEXTURE, 9.5" IN LENGTH, POWDER FREE. ****EXTRA LARGE SIZE****ONE EACH EQUALS A BOX OF 50****

ORDER BY DESCRIPTION

106  GLOVES, PREMIUM PLUS HD INDUSTRIAL NITRILE GLOVES, 8 TO 9 MIL THICK, ROUGH TEXTURE, 9.5" IN LENGTH, POWDER FREE. ****XXL SIZE****ONE EACH EQUALS A BOX OF 50****

ORDER BY DESCRIPTION

STREETF LIGHT MATERIAL

STLLA

**ITEM** **DESCRIPTION**

005  INACTIVE—LAMP, MECURY VAPOR, 175W, E-28 BULB, MOGUL BASE, 8600 INITIAL LUMENS, 24000 HOURS RATED LIFE.

GENERAL ELECTRIC CO.  Iwasaki/Eye Lighting  Phillips Lighting

HR175DX39  HF175-PD  H39KC-175/DX

Sylvania

H39KC-175/DX
TAPE

TAPDU

Item | Description: TAPE, DUCT, 2" X 60 YARD/ROLL MEDIUM STRENGTH, WATER PROOF POLYETHYLENE LAMINATED TO CLOTH/ 001 RUBBER RESIN ADHESIVE, SILVER, (STD. PKG. 24 EACH)

3M  | SCOTCH  | SHURTAPE TECHNOLOGIES, INC.
3939-48MMX55M | SCOTCH 398  | 618S-2X60Y
TAPE PRODUCTS COMPANY | TUCK INDUSTRIES INC. |
300S-2X60Y | 92-T |

TAPMS

Item | Description: TAPE, MASKING, 2" X 60 YARD/ROLL, (STD. PKG. 24 EACH), EXPIRATION DATE MUST APPEAR ON EACH 002 INDIVIDUAL ITEM

3M  | SHURTAPE TECHNOLOGIES, INC.
232-48MM-55M | 2"X2160IN. |

TAPSE

Item | Description: TAPE, TEFOLON, THREAD SEAL, 1/2" WIDE X 260" ROLL 003

MARKAL CO. | TAPE PRODUCTS COMPANY
44071 | TEFOLON-1/2 X 260

TIES

TIECA

Item | Description: TIE, CABLE, NYLON, 36" IN LENGTH MINIMUM, ONE PIECE, EXTRA HEAVY DUTY, 175 LBS. LOOP TENSILE 005 STRENGTH, (50 EACH TIES P/BAG), TO BE USED WITH THE INSTALLATION OF TRACER WIRE ON PVC PIPE,

CATAMOUNT
L-36-175-9-L
**Description:** BAR, LINING (PINCH POINT BAR) - DIAMOND POINT, 1-1/4" X 60", TOOL STEEL, HEAT TREATED AND TEMPERED, 18 LBS

**Item:** 040

**Manufacturer:**
- **AMES TRUE TEMPER**
- **MADISON**

**Number:** 1160100

**Description:** INACTIVE - BAR-WRECKING, 3/4" X 24" WARREN, STANLEY, MADISON MILLS OR EQUAL

**Item:** 050

**Manufacturer:**
- **AMES TRUE TEMPER**
- **WARREN HEIM CORP.**

**Number:** 1170500

**Description:** BINDER, LOAD FOR 3/8" CHAIN, LOAD BINDERS TAKE UP SLACK AND SECURE LOAD IN OPERATION, LOAD LIMIT - 9200 LBS, SLACK TAKE-UP = 8". RATCHET TYPE BINDER. DROP FORGED CONSTRUCTION WITH ALLOY GRAB HOOKS RUST RESISTANT FINISH.

**Manufacturer:**
- **COLUMBUS MCKINNON**

**Number:** 48366

**Description:** BLADE, HACK-SAW, 1/2" X 10", 24 TOOTH, (NO SUBSTITUTE)

**Item:** 080

**Manufacturer:**
- **L.S. STARRETT COMPANY**

**Number:** BS-1024

**Description:** BLADE, CIRCULAR SAW, 12" X 1", CARBIDE TIP, 5500 MAX R.P.M.

**Item:** 130

**Manufacturer:**
- **AMANA TOOL**
- **SUPER KING**

**Number:** DB12-120

**Description:** BLADE SAW, CIRCULAR, 7-1/4", CROSSCUT, BLACK & DECKER, GRAINGER, OR EQUAL

**Item:** 150

**Manufacturer:**
- **DEWALT INDUSTRIAL TOOL CO.**
- **MILWAUKEE TOOLS**

**Number:** DW3324

**Number:** 48-40-4120
## PUD-TOOLS

### TLSAA

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>170</td>
<td>DOUBLE REINFORCED, ABRASIVE WHEEL, BLADE TO BE USED SPECIFICALLY FOR CUTTING DUCTILE OR CAST IRON PIPE. MUST MEET OSHA AND ANSI STANDARDS.</td>
<td>180</td>
<td>CONCRETE/MASONRY, 6600 RPM MAX REINFORCED BLADE, BLAZER MASONRY, 6000 RPM MAX., REINFORCED BLADE</td>
</tr>
<tr>
<td></td>
<td>HOMELITE DIV. (TEXTRON INC.) MAGNUM</td>
<td></td>
<td>NORTON ABRASIVES</td>
</tr>
<tr>
<td>68421B</td>
<td></td>
<td>66252837839</td>
<td>UNITED ABRASIVES</td>
</tr>
<tr>
<td>3012</td>
<td></td>
<td>23460</td>
<td></td>
</tr>
<tr>
<td>185</td>
<td>BLADE, LIMESTONE, BRICK, CLAY, RECIPROCATING SAW</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>CMT ORANGE TOOLS</td>
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<td></td>
<td>JS2243HM</td>
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<tr>
<td></td>
<td>HOMELITE DIV. (TEXTRON INC.) MAGNUM</td>
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<tr>
<td>68421B</td>
<td></td>
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<tr>
<td>3012</td>
<td></td>
<td>23460</td>
<td></td>
</tr>
<tr>
<td>186</td>
<td>ABRASIVE HIGH SPEED CUTTING WHEEL, 14&quot; X 1/4&quot; WITH 1&quot; ARBOR HOLE, FOR CUTTING ASPHALT, GREEN CONCRETE, PIPE, ETC. MAX SPEED 4365</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>ABRASIVE HIGH SPEED CUTTING WHEEL, 14&quot; X 1/4&quot; WITH 1&quot; ARBOR HOLE, FOR CUTTING ASPHALT, GREEN CONCRETE, PIPE, ETC. MAX SPEED 4365</td>
<td></td>
<td></td>
</tr>
<tr>
<td>193</td>
<td>BLADE, FOR PVC PIPE CUTTER</td>
<td>195</td>
<td>BLADE, SAW, 18&quot;, PVC / ABS, 450 MM BLADES, CUTS ON BOTH THE PUSH AND PULL STROKES</td>
</tr>
<tr>
<td></td>
<td>RIDGE TOOL</td>
<td></td>
<td>LENOX SAW</td>
</tr>
<tr>
<td>92170</td>
<td></td>
<td>20981-HSB-18</td>
<td>PVC-18</td>
</tr>
<tr>
<td></td>
<td>RIDGID TOOL</td>
<td></td>
<td></td>
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<tr>
<td>92170</td>
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<td></td>
<td>STARRETT</td>
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</table>
### PUD-TOOLS

#### TLSAA

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>197</td>
<td><strong>RIDGE TOOL</strong> BLADE, PVC PIPE CUTTER, FOR RIDGID TUBING CUTTER</td>
<td>390</td>
<td><strong>RIDGE TOOL</strong> CHAIN, 1/2&quot; - ALLOY STEEL, WORKING LOAD LIMIT 12,000 LBS. PROOF TESTED TO 22,500 LBS. MINIMUM BREAKING TEST 32,500 LBS. ACCOLOY #5116-10802 ONLY)</td>
</tr>
<tr>
<td>22086</td>
<td><strong>RIDGE TOOL</strong> RIDGID TOOL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5050672</td>
<td><strong>PEERLESS MFG.</strong> COOLER-WATER, 10 GALLON PLASTIC, IGLOO OR GOTT</td>
<td></td>
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</tr>
<tr>
<td>640</td>
<td><strong>IGLOO</strong> COOLER-WATER, 10 GALLON PLASTIC, IGLOO OR GOTT</td>
<td>720</td>
<td><strong>RUBBERMAID PRODUCTS</strong> CUTTER, ASPHALT (ASPHALT SPADE), SHANK SIZE TO BE 1-1/4&quot; X 6&quot;, BLADE WIDTH TO BE 5&quot;, TO BE USED FOR BREAKING, EDGING AND SLOTTING ASPHALT.</td>
</tr>
<tr>
<td>7279</td>
<td><strong>RUBBERMAID PRODUCTS</strong> CUTTER, ASPHALT (ASPHALT SPADE), SHANK SIZE TO BE 1-1/4&quot; X 6&quot;, BLADE WIDTH TO BE 5&quot;, TO BE USED FOR BREAKING, EDGING AND SLOTTING ASPHALT.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1610</td>
<td><strong>RUBBERMAID PRODUCTS</strong> COOLER-WATER, 10 GALLON PLASTIC, IGLOO OR GOTT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>281BMC</td>
<td><strong>BICKNELL</strong> CUTTER, PIPE GALV.- (PIPE CUTTER CAPACITY 1/2&quot; THROUGH 2&quot;) 4 WHEEL</td>
<td>750</td>
<td><strong>PIONEER TOOL</strong> CUTTER, PIPE GALV.-(PIPE CUTTER CAPACITY 1/2&quot; THROUGH 2&quot;) 4 WHEEL</td>
</tr>
<tr>
<td>32870</td>
<td><strong>RIDGE TOOL</strong> RIDGID TOOL</td>
<td>32870</td>
<td><strong>RIDGE TOOL</strong> RIDGID TOOL</td>
</tr>
<tr>
<td>23498</td>
<td><strong>RIDGE TOOL</strong> RIDGID TOOL</td>
<td>23498</td>
<td><strong>RIDGE TOOL</strong> RIDGID TOOL</td>
</tr>
</tbody>
</table>

**Description:** CUTTER, PIPE-FOR PVC PIPE, FOR PIPE SIZES 1/8" - 1-1/2", HARDENED STEEL BLADE, ONE HAND OPERATION, WITH BLADEGUARD, CUTTER TO UTILIZE A COMPOUND LEVERAGE RATCHET SYSTEM —
PUD-TOOLS

**TLSAA**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>757</td>
<td>CUTTER, FOR PVC, CPVC, PEX AND POLYETHYLENE, POLYBUTYLENE AND RUBBER HOSE, PIPE SIZE 1/2&quot; TO 2 3/8&quot;, HARDENED STEEL BLADE, WITH BLADE GUARD, RATCHET SYSTEM, ALUMINUM CONSTRUCTION, BLADE REPLACEMENT AVAILABLE. NO SUBSTITUTIONS</td>
</tr>
</tbody>
</table>

**RIDGID TOOL**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30088</td>
<td>CUTTER, TUBING, FOR 1/4&quot; - 2-3/8&quot; O.D. TUBING, WITH ENCLOSED FEED SCREW AND GROOVED ROLLS, EXTRA CUTTER WHEEL SUPPLIED WITH CUTTER, ** NO SUBSTITUTE **</td>
</tr>
</tbody>
</table>

**TLSBB**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>900</td>
<td>EASE OUT, 1/2&quot;, SCREW EXTRACTOR, FOR USE ON 3/4&quot; THRU 1&quot; BOLT SIZES, -OR- FOR USE ON 1/2&quot; PIPE, MUST MEET FEDERAL SPEC. #GGG-E-936C.</td>
</tr>
</tbody>
</table>

**ARMSTRONG TOOLS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>70-962</td>
<td>EASE OUT 3/8&quot;, SCREW EXTRACTOR, FOR USE ON 9/16&quot; THRU 5/8&quot; BOLT SIZES, OR USE ON 3/8&quot; PIPE, MUST MEET FEDERAL SPECS NO. GGG-E-936C.</td>
</tr>
</tbody>
</table>

**PROTO PROFESSIONAL TOOLS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>70-958</td>
<td>EASE OUT 3/4&quot;, SCREW EXTRACTOR, FOR USE ON 1-1/8&quot; THRU 1-3/8&quot; BOLT SIZES, OR FOR USE ON 3/4&quot; PIPE, MUST MEET FEDERAL SPEC #GGG-E-936C.</td>
</tr>
</tbody>
</table>
PUD-TOOLS

TLSBB

Item  Description:  EASE OUT 1", SCREW EXTRACTOR, TO BE USED ON 1" PIPE -OR- 1-1/2" BOLTS, MUST MEET FEDERAL SPECIFICATIONS #GGG-E-936C.

930

STANLEY-PROTO INDUSTRIAL TOOLS

J9529

Item  Description:  EASE OUT, 1-1/2", SCREW EXTRACTOR, FOR USE ON 2-1/2" THRU 3" BOLT SIZES -OR- FOR USE ON 1-1/2" PIPE, MUST MEET FEDERAL SPEC. #GGG-E-936C.

940

CHICAGO PNEUMATIC

CLEVELAND TWIST DRILL

GREENFIELD

11  C53661  65027

Item  Description:  EASE OUT, 2", SCREW EXTRACTOR, FOR USE ON 3" THRU 3-1/2" BOLT SIZES - OR- FOR USE ON 2" PIPE, MUST MEET FEDERAL SPEC. #GGG-E-936C.

950

CHICAGO PNEUMATIC

CLEVELAND TWIST DRILL

GREENFIELD

12  C53662  65029

TLSCC

Item  Description:  HANDLE, SHOVEL - TRUE TEMPER HICKORY SHOVEL, 46" HANDLE. NO HANDLES LONGER THAN 46" WILL BE ACCEPTED. DOUBLE PIN FASTENER. REPLACES HANDLES FOR TYPE "BLR" AND "BLS" TRUE TEMPER SHOVELS.

480

AMES TRUE TEMPER

2037400

TLSDD

Item  Description:  J-PLUG, 4"-8" COMPLETE, MODEL #J-48-FOR 4", 6", AND 8" PIPE

570

SEWER EQUIPMENT CO.

J-48

Item  Description:  J-PLUG 8" - 12", (FOR 8", 10", & 12" PIPE)

575

SEWER EQUIPMENT CO.

J-812
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Supplier</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>580</td>
<td>J-PLUG, 12&quot; TO 18&quot; FOR PIPES 12&quot;, 15&quot;, 16&quot;, 18&quot;</td>
<td>REMO</td>
<td>J-1218</td>
</tr>
<tr>
<td>590</td>
<td>J-PLUG, 18&quot; TO 24&quot; FOR PIPES 18&quot;-24&quot;</td>
<td>SEWER EQUIPMENT CO.</td>
<td>J1218</td>
</tr>
<tr>
<td>604</td>
<td>TELESCOPING ALUMINUM POLE, 8FT TO 20FT</td>
<td>REMO</td>
<td>130-6</td>
</tr>
<tr>
<td>620</td>
<td>KIT, AIR, REMO-PLUG WITH POLY BRAIDED HOSE, GAUGE, AND FITTINGS</td>
<td>OATEY CO.</td>
<td>383408</td>
</tr>
<tr>
<td>630</td>
<td>PUMP HAND AIR, WITH GAUGE J-PLUG SEWER EQUIPMENT COMPANY OF FLORIDA.</td>
<td>CHERNE</td>
<td>273-958</td>
</tr>
<tr>
<td>650</td>
<td>J-PLUG, RUBBER SLEEVE 8&quot;-12&quot; W/STAINLESS STEEL BANDS, MODEL A8-12 FOR 8&quot;, 10&quot;, AND 12&quot; PIPE</td>
<td>SEWER EQUIPMENT CO.</td>
<td>B-20</td>
</tr>
<tr>
<td>655</td>
<td>J-PLUG, RUBBER SLEEVES, 12&quot;-18&quot;, WITH STAINLESS STEEL BANDS, MODEL #A12-18, FOR 12&quot;, 16&quot;, &amp; 18&quot; PIPE</td>
<td>PIPE</td>
<td></td>
</tr>
</tbody>
</table>
SLEEVE, RUBBER J-PLUG, REPLACEMENT SLEEVE ONLY, FOR 18"-24" PIPE, WITH STAINLESS STEEL BANDS

KEY, CURB STOP, 1/2" X 4', 5/8" SOLID STEEL "T" HANDLE AND SHAFT. KEY HEAD TO BE MADE OF 1/4" SOLID CHANNEL IRON."KEY" SLOT TO BE EXACTLY 1/2" WIDE. HEAD DIMENSIONS TO BE: 1" WIDTH X 1-1/4" HEIGHT X 1-1/2". CURB KEYS TO BE CONSTRUCTED AS PER

KEY, CURB STOP, 1/2" X 3', 5/8" SOLID STEEL "T" HANDLE AND SHAFT. KEY HEAD TO BE MADE OF 1/4" SOLID CHANNEL IRON."KEY" SLOT TO BE EXACTLY 1/2" WIDE. HEAD DIMENSIONS TO BE: 1" WIDTH X 1-1/4" HEIGHT X 1-1/2". CURB KEYS TO BE CONSTRUCTED AS PER

ON HOLD - KEY, CURB STOP, 30", 3/4" STEEL PIPE "T" HANDLE X 3', 1" X 1", 1/8" SQUARE TUBE SHAFT. KEY HEAD MADE OF 1/4" SOLID CHANNEL IRON, "KEY" SLOT TO BE EXACTLY 3/4" WIDE, HEAD DIMENSIONS: 1-1/4" WIDTH X 1-1/4" HEIGHT X 1-1/2"

ON HOLD - KEY, CURB STOP, 30", 3/4" STEEL PIPE "T" HANDLE X 4', 1" X 1", 1/8" SQUARE TUBE SHAFT, KEY HEAD TO BE 1/4" SOLID CHANNEL IRON, "KEY" SLOT TO BE EXACTLY 3/4" WIDE. HEAD DIMENSIONS: 1-1/4" WIDTH X 1-1/4" HEIGHT X 1-1/2"
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>677</td>
<td><strong>ON HOLD - KEY, CURB STOP, 30&quot;, 3/4&quot; STEEL PIPE &quot;T&quot; HANDLE X 5', 1&quot; X 1&quot;, 1/8&quot; SQUARE TUBE SHAFT. KEY HEAD TO BE 1/4&quot; SOLID CHANNEL IRON. &quot;KEY&quot; SLOT TO BE EXACTLY 3/4&quot; WIDE. HEAD DIMENSIONS: 1-1/4&quot; WIDTH X 1-1/4&quot; HEIGHT X 1-1/2&quot;</strong></td>
</tr>
<tr>
<td>680</td>
<td><strong>KEY, GATE VALVE, 6' X 1 ¼&quot; ROUND STEEL TUBING, W/ 24&quot; X 1-1/4&quot; &quot;T&quot; HANDLE, FITS 2&quot; VALVE OPERATING NUTS</strong></td>
</tr>
<tr>
<td>685</td>
<td><strong>WRENCH, VALVE - ADJUSTABLE W/ KEY HEAD - EXTENDABLE HANDLE WITH ADJUSTMENT SCREW - HANDLE ADJUSTABLE FROM 5FT TO 10FT - FOR OPERATING VALVES WITH A STANDARD 2&quot; OPERATING NUT, <strong>CUSTOM FAB ONLY - NO SUB.</strong></strong></td>
</tr>
<tr>
<td>690</td>
<td><strong>ON HOLD - KEY, VALVE WHEEL, 2', 5/8&quot; STEEL ROD &quot;T&quot; HANDLE X 4', 5/8&quot; STEEL ROD SHAFT, U-SHAPED KEY HEAD IS 1/2&quot; STEEL ROD, 2-1/2&quot; HIGH, 1-1/4&quot; GAP</strong></td>
</tr>
<tr>
<td>6811690</td>
<td><strong>LIDDY'S MACHINE SHOP</strong></td>
</tr>
<tr>
<td>6811700</td>
<td><strong>LIDDY'S MACHINE SHOP</strong></td>
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<tr>
<td>Item</td>
<td>Description</td>
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<td>-----------------------------------------------------------------------------</td>
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<tr>
<td>710</td>
<td>ON HOLD - KEY, VALVE WHEEL, 2', 5/8&quot; STEEL ROD &quot;T&quot; HANDLE X 6', 5/8&quot; STEEL ROD SHAFT, U-SHAPED KEY HEAD IS 1/2&quot; STEEL ROD, 2-1/2&quot; HIGH, 1-1/4&quot; GAP</td>
</tr>
<tr>
<td>315</td>
<td>RATCHET, 1/2&quot; DRIVE, OVERALL LENGTH 10 1/2&quot;, <strong>NO SUBSTITUTE</strong></td>
</tr>
<tr>
<td>340</td>
<td>ROD, PROBE, HOT DIP GALVANIZED, 3/4&quot; DIA. X 1' LENGTH &quot;T&quot; HANDLE WITH RUBBER GRIPS, ROD SHAFT SHALL BE 1/2&quot; DIA. X 4' LENGTH, (ROD POINT TO BE DIAMOND POINT) ** NO SUBSTITUTE **</td>
</tr>
<tr>
<td>350</td>
<td>ROD, PROBE, HOT DIP GALVANIZED, WITH 3/4&quot; DIA. X 1' LENGTH &quot;T&quot; HANDLE WITH RUBBER GRIPS, ROD SHAFT SHALL BE 1/2&quot; DIA. X 5' LENGTH, (ROD POINT TO BE DIAMOND POINT) ** NO SUBSTITUTE **</td>
</tr>
<tr>
<td>550</td>
<td>RULER, FOLDING 6', IN TENTHS.</td>
</tr>
<tr>
<td>560</td>
<td>HAND-SAW, 26&quot;, 8 POINT, (NO SUBSTITUTE)</td>
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</table>
TLSEE

Item Description: SAW, HAND, PVC / ABS PIPE SAW WITH 18" BLADE, CUTS ON BOTH PUSH AND PULL STROKES.  
LENEX SAW  
20980-HSF-18

TLSFF

Item Description: SHOVEL, TRENCHING, V-SHAPE, BLADE SIZE 3 WIDE X 6.125" DEPTH, HARDWOOD HANDLE 48".  
AMERICAN MANUFACTURING  
47023  
Item Description: SHOVEL, ROUND POINT, W/LIFETIME GUARANTEE HANDLE & #2 TEMPERED BLADE. ALL HANDLES TO BE FIBERGLASS. ***SPQ=6*** 
AMES TRUE TEMPER  
45000

Item Description: SHOVEL, SQUARE POINT - WITH LIFETIME GUARANTEED HANDLE AND #2 TEMPERED BLADE, ALL HANDLES TO BE FIBERGLASS. 
AMES TRUE TEMPER  
NUPLA CORPORATION  
RAZORBACK  
2585500  
SP2L  
44000

Item Description: SLING, 1/2" DIAM-ETER WIRE ROPE (7X7X7 GAC CONST.), 4' LENGTH, RINGS ON BOTH ENDS & 1 SLIDING CHOKE HOOK. FITTINGS TO EXCEED CAP. OF SLING, PERMANENTLY ATTACHED METAL TAG WITH LIFTING CAPACITY, VERT. 1.9 TON, CHOKER 1.3 TON, BASKET 3.7 TON  
AMES TRUE TEMPER  
2585500

Item Description: SLING, 1/2" DIAM-ETER WIRE ROPE (7X7X7 GAC CONST.), 6' LENGTH, RINGS ON BOTH ENDS & 1 SLIDING CHOKE HOOK. FITTINGS TO EXCEED CAP. OF SLING, PERMANENTLY ATTACHED METAL TAG WITH LIFTING CAPACITY, VERT. 1.9 TON, CHOKER 1.3 TON, BASKET 3.7 TON  
AMES TRUE TEMPER  
2585500
PUD-TOOLS

TLSFF

Item | Description: SLING, 1/2" DIAMETER WIRE ROPE (7X7X7 GAC CONST.), 8' LENGTH, RINGS ON BOTH ENDS & 1 SLIDING CHOKE HOOK. FITTINGS TO EXCEED CAP. OF SLING, PERMANENTLY ATTACHED METAL TAG WITH LIFTING CAPACITY, VERT. 1.9 TON, CHOKER 1.3 TON, BASKET 3.7 TON

Item | Description: SLING, NYLON - 2 PLY, 2 INCH BY 6 FEET. TO BE USED ON SPREADER BEAM ASSEMBLY LIFTING METER VAULTS, PERMANENTLY ATTACHED METAL TAG WITH LIFT CAPT. VERT. 6,400 LBS., CHOKER 5,000 LBS., BASKET 12,800 LBS.

Item | Description: LIFTING EYE, 3/4" X 8", SCREW END (COIL ROD) EYE IS FOR LIFTING LARGE W200 UTILITY BOXES MUST BE COMPATIBLE W/ EXISTING CONCRETE STRUCTURES AND LIFTING EQUIPMENT LIFTING EYE TO HAVE A MINIMUM LIFTING CAPABILITY OF 2500 LBS.

Item | Description: LIFTING EYE, 1" X 7 3/4", SCREW END (COIL ROD) EYE IS FOR LIFTING LARGE CONCRETE METER VAULTS. MUST BE COMPATIBLE WITH EXISTING CONCRETE STRUCTURES & LIFTING EQUIPMENT LIFTING EYE TO HAVE A MINIMUM LIFTING CAPABILITY OF 2500 LBS.

Item | Description: SLING, 8 FOOT LONG, 6,400 LBS VERTICAL CAPACITY, SYNTHETIC SLING MADE FROM ONE SKEIN OF YARN WITH DOUBLE-WALL TUBULAR JACKET, WEAR POINTS ARE ADJUSTABLE. VERT. 6,400 LBS., CHOKER 5,000 LBS., BASKET 12,800 LBS.
PUD-TOOLS

TLSFF

Item | Description:
---|---
893 | SLING, NYLON, 2PLY, 2 INCHES BY 10 FEET LONG. RATED: 6400 LBS VERTICAL, 5000 LBS CHOKER, 12800 LBS BASKET, PERMANENTLY ATTACHED WITH CAPACITY TAG.

LIFTALL

Item | Description:
---|---
894 | SLING, NYLON, 2 PLY, 2 INCH BY 12 FEET, PERMANENTLY ATTACHED TAG, WITH LIFT CAP. VERT. 6,400 LBS., CHOCKER 5,000 LBS., BASKET 12,800 LBS..

TLSGG

Item | Description:
---|---
240 | TAPE, O.D. 6 FT., 146 IN., 100 THS., - FOR MEASURING THE OUTSIDE DIAMETER OF PIPE

LUFKIN

Item | Description:
---|---
250 | TAPE-STEEL, 10' (NO SUBSTITUTE)

W606PD

Item | Description:
---|---
255 | TAPE, STEEL, 25', TAPE (IN 10THS)

LUFKIN

PHV1425

HV1425D

Item | Description:
---|---
270 | ON HOLD - STEEL TAPE 100'

LUFKIN

ST100
Water and Wastewater Master Material Catalog

PUD-TOOLS

TLGG

**Item** | **Description:** TOOL, FLARING - FOR 3/4" COPPER TUBING, HAMMER TYPE FLARING TOOL, HARDENED STEEL, HOLLOW CONSTRUCTION.
---|---
290 | RIDGE TOOL
R41330 | RIDGID TOOL
R41330

**Item** | **Description:** TOOL FLARING PRESSURE 3/4", REED #06071
---|---
330 | REED TOOLS
06071

**Item** | **Description:** TOOL FLARING PRESSURE 1"
---|---
340

TLSHH

**Item** | **Description:** WHEELBARROW, 6 CU. FT. HEAPED CAPACITY 5 1/2 LEV 16 GAGE TRAY, 2 PLY PNEUMATIC TIRES, OIL LUBE BEARINGS, CONTRACTOR TYPE II, CLASS 2, GENERAL PURPOSE & CONCRETE TYPE IN ACCORDANCE WITH/FEDERAL SPECS, KKK-W-291-F
---|---
400 | AMES TRUE TEMPER
M6T22

**Item** | **Description:** WHEELCUTTER, CAST IRON, REED CATALOG #H16, FOR REED CUTTERS #H6, H8 & H12 REED MFG CODE #698198; ITEM CODE #03524  ***** NO SUBSTITUTE *****
---|---
430 | REED TOOLS
H16 / 03524

**Item** | **Description:** WHEELCUTTER, CAST IRON, 4"-12", RIDGID #83140, MODEL #E-3186
---|---
445 | RIDGE TOOL
83140 | RIDGID TOOL
83140
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>450</td>
<td>WHEELCUTTER, TUBING - WHEELCUTTER FOR RIDGID MODEL #205 TUBING CUTTER, RIGID MODEL #E-3469, CATALOG #33185</td>
<td>RIDGE TOOL</td>
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<tr>
<td>33185</td>
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<tr>
<td>465</td>
<td>WHEELCUTTER, PIPE - WHEELCUTTER FOR RIGID MODEL #468C PIPE CUTTER, CUTTER WHEEL TO BE USED FOR CUTTING CAST IRON PIPE. RIGID CATALOG #33135, RIGID MODEL #E-1962</td>
<td>RIDGE TOOL</td>
</tr>
<tr>
<td>33135</td>
<td></td>
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<tr>
<td>200</td>
<td>SHELL, CUTTER 3/4&quot;</td>
<td>MUELLER</td>
</tr>
<tr>
<td>507577</td>
<td></td>
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<tr>
<td>450</td>
<td>BIT, DRILL AND TAP REGULAR 1&quot; B-100 MACHINE</td>
<td>MUELLER</td>
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<tr>
<td>680528</td>
<td></td>
<td></td>
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<tr>
<td>300</td>
<td>WRENCH HOOK NUT FOR B100 MACHINE</td>
<td>MUELLER</td>
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<td>500708</td>
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## TLSNN

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<th>Item</th>
<th>Description</th>
<th>Manufacturer</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>250</td>
<td>BIT, DRILL REGULAR 1-7/8&quot; FOR D-4 OR D-5 MACHINE</td>
<td>MUELLER</td>
<td>33540</td>
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## TLSPP

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<tr>
<th>Item</th>
<th>Description</th>
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<th>Part Number</th>
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<tbody>
<tr>
<td>640</td>
<td>CUTTER, SHELL, 7/8&quot;, PVC, FOR E4, E5 AMD PL-2 DRILL MACHINES</td>
<td>MUELLER</td>
<td>681920</td>
</tr>
<tr>
<td>660</td>
<td>CUTTER, SHELL, 1 1/2&quot;, PVC, FOR E4 &amp; E5 MACHINES</td>
<td>MUELLER</td>
<td>528087</td>
</tr>
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</table>

## TLSQQ

<table>
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<tr>
<th>Item</th>
<th>Description</th>
<th>Manufacturer</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>426</td>
<td>ADAPTER NIPPLE (LONG), 3/4&quot;, FOR COMPRESSION OR COPPER THREAD OUTLETS, MUELLER PL-2 MACHINE.</td>
<td>MUELLER</td>
<td>507632</td>
</tr>
<tr>
<td>500</td>
<td>ADAPTER NIPPLE, 1&quot; - FOR COMPRESSION OR COPPER THREAD OUTLETS. MUELLER PL-2 MACHINE.</td>
<td>MUELLER</td>
<td>507633</td>
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<tr>
<td>537</td>
<td>ADAPTER NIPPLE (LONG), 1&quot; - FOR COMPRESSION OR COPPER THREAD OUTLETS, MUELLER PL-2 MACHINE.</td>
<td>MUELLER</td>
<td>507633</td>
</tr>
<tr>
<td>600</td>
<td>BORING BAR FOR PL2 MACHINE</td>
<td>MUELLER</td>
<td>507141</td>
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</table>
## PUD-TOOLS

### TLSQQ

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<th>Item</th>
<th>Description</th>
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<tr>
<td>700</td>
<td>BORING BAR THREADED FOR PL2 MACHINE (OLD #507142)</td>
<td>725</td>
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<tr>
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<td>MUELLER</td>
<td>MUeller</td>
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<tr>
<td></td>
<td>509314</td>
<td>40438</td>
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<tr>
<td>725</td>
<td>HOLDER, SHELL CUTTER, PVC, 1 1/2&quot;, 2&quot; MACHINE</td>
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<tr>
<td>800</td>
<td>INACTIVATE UPON DEPLETION - PIN, BORING BAR FOR PL2 MACHINE</td>
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<tr>
<td></td>
<td>MUELLER</td>
<td>MUeller</td>
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<tr>
<td></td>
<td>507143</td>
<td>69549</td>
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### TLSRR

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<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>000</td>
<td>CUTTER SHELL 11/16&quot; FOR PL2 MACHINE</td>
<td></td>
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<tr>
<td></td>
<td>MUELLER</td>
<td>MUeller</td>
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<tr>
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<td>681919</td>
<td>681920</td>
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<tr>
<td>005</td>
<td>INACTIVE: SAME AS TLSPP640: CUTTER SHELL, 7/8&quot; FOR E4, E5 OR PL-2 MACHINE</td>
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<tr>
<td></td>
<td>MUELLER</td>
<td>MUeller</td>
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<tr>
<td></td>
<td>681920</td>
<td>MUE39502</td>
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<tr>
<td>010</td>
<td>MACHINE, DRILLING PL-2, MUELLER MODEL #1 COMPLETE, LESS ADAPTER, DRILL BITS AND RATCHET HANDLE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUELLER</td>
<td>MUeller</td>
</tr>
<tr>
<td></td>
<td>MUE39502</td>
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</tr>
<tr>
<td>050</td>
<td>GASKET, ADAPTER NIPPLE 3/4&quot; MUELLER #69549, FOR MUELLER PL - 2 MACHINE</td>
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<tr>
<td></td>
<td>MUELLER</td>
<td>MUeller</td>
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<td>69549</td>
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**PUD-TOOLS**

### TLSRR

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<th>Item</th>
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<tbody>
<tr>
<td>060</td>
<td>GASKET ADAPTER NIPPLE 1&quot; MUELLER #52419 FOR MUELLER PL-2 MACHINE</td>
<td>H10895</td>
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</tbody>
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### TLSUU

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<tr>
<th>Item</th>
<th>Description:</th>
<th>MUELLER</th>
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<tbody>
<tr>
<td>500</td>
<td>RATCHET ARM, 5/8&quot; SQUARE, LOWELL SERIES 10, HANDLE #15, W/ 5/8&quot; GEAR SIZE, CAST MALLEABLE IRON, REVERSING LEVER IN THE HEAD, GEARS ARE ENCLOSED AND REPLACEABLE, &quot;BOLT THRU&quot; GEARS.</td>
<td>LOWELL CORPORATION</td>
</tr>
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<td>DMRW 15901-92610</td>
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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>602</td>
<td>ADAPTER, CORPORATION STOP, 3/4&quot;, FLARE COPPER ADAPTER FOR FORD MODEL 77 DRILLING MACHINE. ADAPTER TO COME COMPLETE WITH GASKETS. <strong>NO SUB</strong></td>
<td>FORD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DMA2-3</td>
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<table>
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<tr>
<th>Item</th>
<th>Description:</th>
<th>MUELLER</th>
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</thead>
<tbody>
<tr>
<td>617</td>
<td>ADAPTER, CORPORATION STOP, 1&quot;, FLARE COPPER ADAPTER FOR FORD MODEL 77 DRILLING MACHINE. ADAPTER TO COME COMPLETE WITH GASKETS. <strong>NO SUB</strong></td>
<td>FORD</td>
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<tr>
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<td>DMA2-4</td>
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<tr>
<td>636</td>
<td>ADAPTER, 1-1/2&quot; - COPPER FLARE ADAPTER FOR FORD MODEL 77 DRILLING MACHINE, WITH GASKETS.</td>
<td>FORD</td>
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<td>DMA2-6</td>
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<tr>
<td>643</td>
<td>ADAPTER, 2&quot; - COPPER FLARE ADAPTER FOR FORD MODEL 77 DRILLING MACHINE, WITH GASKETS.</td>
<td>FORD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DMA2-7</td>
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</tbody>
</table>
**ADAPTER, 2" - MUELLER CORPORATION COCK ADAPTER FOR FORD MODEL 77 DRILLING MACHINE, WITH GASKETS.**

**ARBOR, DRILLING MACHINE - ARBOR TO COME COMPLETE WITH PILOT DRILL AND HOLE SAW SPACER. USED ON FORD MODEL 77 DRILLING MACHINE (BORING BAR #DMBB-67).**

**DRILL, 1-3/8" - HIGH GRADE DRILL BIT FOR USE WITH FORD MODEL 77 DRILLING MACHINE. USED WITH 1-1/2" CORP STOPS ON DUCTILE/CAST IRON PIPE.**

**DRILL, 1-7/8" - HIGH GRADE DRILL BIT FOR USE WITH FORD MODEL 77 DRILLING MACHINE. USED WITH 2" CORP STOPS ON DUCTILE/CAST IRON PIPE.**

**DRILL, 11/16" - DRILL FOR FORD MODEL 77 DRILLING MACHINE. USED ON 3/4" CORP STOPS.**

**DRILL, 7/8" - DRILL FOR FORD MODEL 77 DRILLING MACHINE. USED ON 1" CORP STOPS**
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>033</td>
<td>BORING BAR - FOR 11/16&quot; DRILLS AND SHELL CUTTERS, (3/4&quot; CORP STOPS) FORD MODEL 77 DRILLING MACHINE, FORD DMBB-3</td>
<td></td>
</tr>
<tr>
<td>037</td>
<td>BORING BAR - FOR 7/8&quot; DRILLS AND SHELL CUTTERS, (1&quot; CORP STOPS) FORD MODEL NO. 77 DRILLING MACHINE</td>
<td>FORD DMBB-4A</td>
</tr>
<tr>
<td>041</td>
<td>BORING BAR - FOR 1-1/2&quot; AND 2&quot; CORP. STOPS, FORD MODEL 77 DRILLING MACHINE.</td>
<td>FORD DMBB-67</td>
</tr>
<tr>
<td>045</td>
<td>SHELL CUTTER, 11/16&quot; - SHELL CUTTER FOR PVC, SHELL FOR FORD MODEL 77 DRILLING MACHINE (FITS BORING BAR #DMBB-3)</td>
<td>FORD DMSC-3</td>
</tr>
<tr>
<td>052</td>
<td>SHELL CUTTER, 7/8&quot; - SHELL CUTTER FOR PVC, FOR FORD MODEL 77 DRILLING MACHINE (FITS BORING BAR #DMBB-4A)</td>
<td>FORD DMSC-4A</td>
</tr>
<tr>
<td>060</td>
<td>SHELL CUTTER, 1 3/8&quot;, SHELL CUTTER FOR PVC, FOR FORD MODEL 77 DRILLING MACHINE</td>
<td>FORD DMSC6PVC</td>
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<tr>
<td>065</td>
<td>SHELL CUTTER, 1 7/8&quot;, SHELL CUTTER FOR PVC, FOR FORD MODEL 77 DRILLING MACHINE</td>
<td>FORD DMSC7PVC</td>
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### Tools

#### TLSVV

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>078</td>
<td>HANDWHEEL AND FEEDSCREW, FOR FORD MODEL 77 DRILLING MACHINE</td>
</tr>
<tr>
<td>169</td>
<td>GASKET, ADAPTER - 1-1/2&quot;, INSIDE GASKET FOR FORD ADAPTER #DMA2-6 (COPPER FLARE). FORD MODEL 77 DRILL MACHINE (GT-143)</td>
</tr>
<tr>
<td>194</td>
<td>GASKET, ADAPTER - OUTSIDE, FORD MODEL 77 DRILLING MACHINE. FOR ALL SIZES OF CORPORATION STOPS. FORD #DMOG</td>
</tr>
</tbody>
</table>

- **FORD**
- **DMHF**
- **GT-143**
- **FGT130**
- **F(DMB)**

#### TOLCE

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<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>001</td>
<td>CORD, EXTENSION, 50', 3/C #14, 15 A, 125 VOLT, 1875 W</td>
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</tbody>
</table>

- **AMERICAN INSULATED WIRE CORP.**
- **CAROL CABLE**
- **GENERAL**
  - 2283
  - 03356
  - 3661
- **TRIANGLE - PWC INC.**
- **CT-264500**
TOOLS

TOLCW

Item  Description:  WRENCH, COMBINATION, 1 1/16" OPEN AND 12 POINT BOXED-END, STANDARD LENGTH, CHROME PLATED
013  ARMSTRONG TOOLS  BLACKHAWK  CRAFTMAN TOOLS
     25-234  BW-1171  44706
     PROTO PROFESSIONAL TOOLS  SK HAND TOOL CORP.  SNAP ON TOOLS
     J1234ASD  C34  OEX34
     WILLIAMS MACHINE & TOOL CO. 1171

TOLGA

Item  Description:  CAN, GAS, METAL, YELLOW, 5 GAL
003  EAGLE MFG. CO.
     U1-50-SY

TOLMR

Item  Description:  ON HOLD-TOOL, MANHOLE COVR LIFT & REMOVAL, UNIVERSAL FREE SLIDING SLEEVE ADJUSTMENT W/HOOK
002  SILVER SLIDER INCORPORATED
     ASSEMBLY FOR LIFT VARIOUS SIZE LIDS. 1" DIA X 60" LENGTH HIGH STRENGTH ALUM. HANDLE W/ 2" X 6"
     SS-06-01-SE  X 1/4" THICK TEMPERED STEEL HOOK, 12" CHAIN CONNECTOR.

TOLSH

Item  Description:  SHOVEL, SQUARE POINT, #2, 9-1/2" X 12", 47" HANDLE, (NO SUBSTITUTE) [SPQ 24 EA]
001  RAZORBACK  44363
TOOLS

TOLUP

Item  Description:  TOOL, PROBE, FIBERGLASS UTILITY, 1/2" X 48" SHAFT, 5/8" X 3/4" TIP, 8 1/4" T-HANDLE
001  HISCO
     #HIUP-48

TOLWR

Item  Description:  WRENCH, ONE HAND METER, CAPACITY FITTING 1/8 - 3/4, LENGTH - 11". USED FOR WATER METER
050  INSTALLATION AND REPAIR.

Item  Description:  WRENCH, ONE HAND METER, ITEM CODE 02281, CAPACITY - FITTING 1 - 1 1/4 LENGHT - 16' WEIGHT - 3.1
055  LBS.

Item  Description:  RATCHET WRENCH, COMBINATION, 9/16" X 3/4", HEAVY DUTY FORGED AND 12 POINTS BOXED END
212  RAUCKMAN UTILITY PRODUCTS
     BW-203HD
# Water and Wastewater Master Material Catalog

## VACUUM PUMPS

### VACCO

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>001</td>
<td>FLOVAC VALVE/CONTROLLER - VALVE 3' PISTON TYPE.</td>
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### VACPE

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<td>001</td>
<td>CONTROLLER, FLOVAC FOR VALVE 3&quot;, STANDARD</td>
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### PUD-VALVES

### VLVAA

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<th>Description</th>
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<tbody>
<tr>
<td>200</td>
<td>VALVE, AIR RELEASE 1&quot;, 150 PSI MIN. PRESSURE, 1&quot; NPT INLET SIZE, FOR USE ON POTABLE WATER</td>
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<th>Item</th>
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<tbody>
<tr>
<td>200A</td>
<td>VALVE, AIR RELEASE, 2&quot;, 150 PSIG MINIMUM, 2&quot; NPT INLET, FOR USE ON POTABLE WATER, DUCTLE IRON</td>
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<th>Description</th>
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<tbody>
<tr>
<td>200AP.1</td>
<td>VALVE, AIR &amp; PRIMER, 1&quot; INLET, POTABLE WATER APPLICATIONS, USED ON PUMP</td>
</tr>
</tbody>
</table>
PUD-VALVES

VLVAA

Item Description: VALVE, BALL, 1" - BRONZE, FIP X FIP, QUARTER TURN, LEVER-TYPE HANDLE, FULL PORT OPENING: 150 SWP; 600 WOG, REINFORCED TFE SEAT; CHROME PLATED BALL; THREADED ENDS.

NIBCO
T585-80-LF

Item Description: VALVE, BALL, 2" STAINLESS 316 GRADE, FOR SEWER APPLICATIONS

ORDER BY DESCRIPTION

OBOD

Item Description: VALVE, BALL - PVC/CPVC, 3/4", TRUE UNION TYPE, VALVE TO BE FURNISHED WITH BOTH SOCKET AND THREADED END CONNECTORS, EPDM O-RINGS, TEFLOH SEATS, FULL PORT DESIGN, 150 PSI AT 73 DEGREES, BI-DIRECTIONAL.

NIBCO
U45TB-E
U45TBE

Item Description: VALVE, BALL, STAINLESS STEEL, 2"THREADED, BLOW-OUT-PROOF STEM DESIGN, ADJUSTABLE PACKING GLAND, STAINLESS STEEL LEVER AND NUT CERTIFIED TO API 607, 4TH EDITION,CLASS 600

APOLLO VALVES WATTS

76-108-01 S8000-M3

Item Description: VALVE, BALL - PVC/CPVC, 2", TRU UNION TYPE, VALVE MUST COME WITH BOTH SOCKET & THREADED END CONNECTORS, EPDM O-RINGS, TEFLOH SEATS, FULL PORT DESIGN, 150 PSI AT 73 DEGREES, BI-DIRECTIONAL. CHEMTROL TRU-UNION
PUD–VALVES

VLVAA

Item   Description:  ***INACTIVE ONCE DEPLETED*** VALVE, BUTTERFLY 20", CAST IRON BODY, MECHANICAL JOINT, 2" OPERATING NUT WITH BURIED SERVICE ACTUATOR. LOW TORQUE AND BUBBLE TIGHT SHUTOFF. W/ ACCESSORIES.
      Item   Description:  ***INACTIVE ONCE DEPLETED*** VALVE, BUTTERFLY 24", CAST IRON BODY, MECHANICAL JOINT, 2" OPERATING NUT WITH BURIED SERVICE ACTUATOR. LOW TORQUE AND BUBBLE TIGHT SHUTOFF. W/ ACCESSORIES.

Item   Description:  VALVE, CHECK, 1-1/2", HORIZONTAL SWING, AWWA BRONZE, RENEWABLE SEAT, 125 WSP/200 WOG, Y-PATTERN, THREADED, FOR POTABLE WATER SERVICE.

NIBCO  STOCKHAM VALVES AND FITTINGS  WATTS EDP
       T-413-Y-LF        B-345         CVY

VLVBB

Item   Description:  VALVE, GATE 3" - CAST IRON, MECHANICAL JOINT, BRONZE MOUNTED, OPEN LEFT, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT, WITHOUT ACCESSORIES.

AMERICAN FLOW CONTROL  AMERICAN RD  AVK
       2503  D100  SERIES 45
       CLOW  KENNEDY VALVE  M&H
       F-6102  4571  4067
       MUELLER  US PIPE
       A2360, A2361  250
## PUD–VALVES

### VLVBB

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>AMERICAN FLOW CONTROL</th>
<th>AMERICAN RD</th>
<th>AVK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Valve, gate 4&quot; - Cast iron, mechanical joint, bronze mounted, open left, resilient seat, non-rising stem, operating nut, without accessories.</td>
<td>2504</td>
<td>D100</td>
<td>SERIES 45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CLOW</td>
<td>KENNEDY VALVE</td>
<td>M&amp;H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F-6100</td>
<td>4571</td>
<td>4067</td>
</tr>
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<td></td>
<td></td>
<td>MUELLER</td>
<td>US PIPE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A2360, A2361</td>
<td>250</td>
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<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>AMERICAN FLOW CONTROL</th>
<th>AMERICAN RD</th>
<th>AVK</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Valve, gate 6&quot; - Cast iron, mechanical joint, bronze mounted, open left, resilient seat, non-rising stem, operating nut, without accessories.</td>
<td>2506</td>
<td>D100</td>
<td>SERIES 45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CLOW</td>
<td>KENNEDY VALVE</td>
<td>M&amp;H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F-6100</td>
<td>4571</td>
<td>4067</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUELLER</td>
<td>US PIPE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A2360, A2361</td>
<td>250</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>AMERICAN FLOW CONTROL</th>
<th>AMERICAN RD</th>
<th>AVK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Valve, gate 8&quot; - Cast iron, mechanical joint, open left, bronze mounted, resilient seat, non-rising stem, operating nut, without accessories.</td>
<td>2508</td>
<td>D100</td>
<td>SERIES 45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CLOW</td>
<td>KENNEDY VALVE</td>
<td>M&amp;H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F-6100</td>
<td>4571</td>
<td>4067</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUELLER</td>
<td>US PIPE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A2360, A2361</td>
<td>250</td>
<td></td>
</tr>
</tbody>
</table>
### PUD–VALVES

#### VLVBB

**Item Description:** VALVE, GATE 10" - CAST IRON, MECHANICAL JOINT, BRONZE MOUNTED, OPEN LEFT, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT, WITHOUT ACCESSORIES.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMERICAN FLOW CONTROL</td>
<td>AMERICAN RD 2510 D100 AVK SERIES 45</td>
</tr>
<tr>
<td>CLOW F-6100</td>
<td>KENNEDY VALVE M&amp;H 4067</td>
</tr>
<tr>
<td>MUELLER A2360, A2361</td>
<td>US PIPE 250</td>
</tr>
</tbody>
</table>

**Item Description:** VALVE, GATE 12" - CAST IRON, MECHANICAL JOINT, OPEN LEFT, BRONZE MOUNTED, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT, WITHOUT ACCESSORIES.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMERICAN FLOW CONTROL</td>
<td>AMERICAN RD 2512 D100 AVK SERIES 45</td>
</tr>
<tr>
<td>CLOW F-6100</td>
<td>KENNEDY VALVE M&amp;H 4067</td>
</tr>
<tr>
<td>MUELLER A2360, A2361</td>
<td>US PIPE 250</td>
</tr>
</tbody>
</table>

**Item Description:** VALVE, GATE 14", CAST IRON BODY, BRONZE MOUNTED, RESILIENT SEAT, MJ, NON-RISING STEM, W/O ACCESSORIES, OPEN LEFT, MODEL # F6100, (AS PER APPROVED GATE VALVE LISTING)

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFC 2514</td>
<td>KENNEDY VALVE M &amp; H 4067</td>
</tr>
<tr>
<td>U.S. PIPE 5860</td>
<td></td>
</tr>
</tbody>
</table>

**Item Description:** VALVE, GATE 16" - CAST IRON BODY, BRONZE MOUNTED, RESILIENT SEAT, MECHANICAL JOINT, NON-RISING STEM, W/ACCESSORIES (AS PER APPROVED GATE VALVE LISTING) OPEN LEFT

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFC 2516</td>
<td>M &amp; H / CLOW F6100 / 4067-01</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>180</td>
<td>VALVE, GATE 20&quot; - CAST IRON BODY, BRONZE MOUNTED, RESILIENT SEAT, MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT W/O ACCESSORIES. APPROVED VALVES ONLY</td>
</tr>
<tr>
<td>184</td>
<td>VALVE, GATE 24&quot; - CAST IRON BODY, BRONZE MOUNTED, RESILIENT SEAT, MJ, NON-RISING STEM, W/O ACCESSORIES, OPEN LEFT. (AS PER APPROVED GATE VALVE LISTING)</td>
</tr>
<tr>
<td>220</td>
<td>INACTIVE - VALVE, GATE, BRONZE - 1/2&quot; FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST &amp; SPECIFICATIONS.</td>
</tr>
<tr>
<td>230</td>
<td>VALVE, GATE, BRONZE - 3/4&quot; FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST &amp; SPECIFICATIONS STOCKHAM, NIBCO, HAMMOND, MILWAUKEE OR EQUAL.</td>
</tr>
<tr>
<td>240</td>
<td>VALVE, GATE, NO LEAD BRONZE - 1&quot; FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST &amp; SPECIFICATIONS.</td>
</tr>
</tbody>
</table>

NIBCO

T-113-LF 1"
### PUD-VALVES

#### VALVE, GATE, NO LEAD BRONZE - 1-1/4" FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST & SPECIFICATIONS.

**Item** | **Description** | **Supplier**
--- | --- | ---
 | VALVE, GATE, NO LEAD BRONZE - 1-1/4" FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST & SPECIFICATIONS. | NIBCO T-113-LF 1-1/4"

#### VALVE, GATE, NO LEAD BRONZE - 1-1/2" FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST & SPECIFICATIONS.

**Item** | **Description** | **Supplier**
--- | --- | ---
 | VALVE, GATE, NO LEAD BRONZE - 1-1/2" FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST & SPECIFICATIONS. | NIBCO T-113-LF 1-1/2"

#### VALVE, GATE, NO LEAD BRONZE - 2" FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST & SPECIFICATIONS.

**Item** | **Description** | **Supplier**
--- | --- | ---
 | VALVE, GATE, NO LEAD BRONZE - 2" FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST & SPECIFICATIONS. | NIBCO T-113-LF 2"

#### VALVE, GATE, BRONZE - 3" FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST & SPECIFICATIONS. STOCKHAM, NIBCO, HAMMOND, MILWAUKEE OR EQUAL.

**Item** | **Description** | **Supplier**
--- | --- | ---
 | VALVE, GATE, BRONZE - 3" FIP, 150 PSI CLASS, HANDWHEEL OPERATED, OPEN LEFT, NON-RISING STEM. VALVES MUST BE SUPPLIED PER APPROVED VALVE LIST & SPECIFICATIONS STOCKHAM, NIBCO, HAMMOND, MILWAUKEE OR EQUAL. | HAMMOND IB646 NIBCO T-136 STOCKHAM VALVES AND FITTINGS B131 IB638 T-133 B130

#### VALVE, GATE, 4" CAST IRON, FLANGED, NON-RISING STEM, HANDWHEEL, 8-HOLE, RESILENT WEDGE ONLY, OPEN LEFT, APPROVED GATE VALVES ONLY, AMERICAN AFC, M & H.

**Item** | **Description** | **Supplier**
--- | --- | ---
 | VALVE, GATE, 4" CAST IRON, FLANGED, NON-RISING STEM, HANDWHEEL, 8-HOLE, RESILENT WEDGE ONLY, OPEN LEFT, APPROVED GATE VALVES ONLY, AMERICAN AFC, M & H. | MATCO-NORCA INC. 10RW
**PUD-VALVES**

**VLVBB**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>AMERICAN FLOW CONTROL</th>
<th>CLOW</th>
<th>M &amp; H</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>VALVE, GATE 3&quot; - CAST IRON, FLANGED, OPEN LEFT, BRONZE MOUNTED, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT.</td>
<td>2503</td>
<td>3-F6102</td>
<td>3-4067-02</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUELLER</td>
<td>3-A2360-6</td>
<td></td>
</tr>
<tr>
<td>305</td>
<td>VALVE, GATE 4&quot; - CAST IRON, FLANGED, OPEN LEFT, BRONZE MOUNTED, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT.</td>
<td>2504</td>
<td>4-F6102</td>
<td>4-4067-02</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUELLER</td>
<td>4-A2360-6</td>
<td></td>
</tr>
<tr>
<td>310</td>
<td>VALVE, GATE 6&quot; - CAST IRON, FLANGED, OPEN LEFT, BRONZE MOUNTED, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT.</td>
<td>2506</td>
<td>6-F6102</td>
<td>6-4067-02</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUELLER</td>
<td>6-A2360-6</td>
<td></td>
</tr>
<tr>
<td>315</td>
<td>VALVE, GATE 8&quot; - CAST IRON, FLANGED, OPEN LEFT, BRONZE MOUNTED, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT.</td>
<td>2508</td>
<td>8-F6102</td>
<td>8-4067-02</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUELLER</td>
<td>8-A2360-6</td>
<td></td>
</tr>
</tbody>
</table>
**PUD-VALVES**

**VLVB**

**Item**  **Description:** VALVE, GATE 10" - CAST IRON, FLANGED, OPEN LEFT, BRONZE MOUNTED, RESILIENT SEAT, NON-RISING STEM, OPERATING NUT.

<table>
<thead>
<tr>
<th>AMERICAN FLOW CONTROL</th>
<th>CLOW</th>
<th>M &amp; H</th>
</tr>
</thead>
<tbody>
<tr>
<td>2510</td>
<td>10-F6102</td>
<td>10-4067-02</td>
</tr>
</tbody>
</table>

**MUELLER**

| 10-A2360-6 |

**VLVBW**

**Item**  **Description:** INACTIVE ONCE DEPLETED - VALVE, BACKWATER, 4", PVC SCH 40, VALVE TO COME COMPLETE W/ THREADED ACCESS COVER FOR INSPECTION AND CLEANING OF DRAIN LINE, FLAPPERS AND COVER MUST HAVE ELASTOMERIC GASKET. NSF APPROVED ** NO SUBSTITUTES **

**PLUM BEST**

| BO4-400 |

**VLVCC**

**Item**  **Description:** INACTIVE AT 0 - VALVE, PLUG 12", CAST IRON, MJ, W/O ACCESSORIES, 2" OPERATING NUT, (DEZURIK ORDER CODE = 1200, FIG. 118, M, 6, RS17, ABG6H12, FIG. 309). VALVE MUST INCLUDE A GEAR ACTUATOR SUITABLE BURIED SERVICE. DEZURIK, MILLIKEN OR EQUAL.

**DEZURIK**

| FIG. 118 |

**Item**  **Description:** INACTIVE AT 0 - VALVE, PLUG 24", CAST IRON, MECHANICAL JOINT, W/ACCESSORIES, 2" OPERATING NUT WITH GEAR ACTUATOR (DEZURIK ORDER CODE = 2400, FIG. 118, M, 6, RS17, ABG12H12, FIG. 309) DEZURIK OR EQUAL

**DEZURIK**

| FIG. 118 |
# PUD-VALVES

## VLVCC

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>700</td>
<td>VALVE, AIR RELEASE 2&quot;, 150 PSI MIN., 2&quot; NPT INLET SIZE, FOR SEWER SYSTEMS, STAINLESS STEEL BODY W/ CORROSION- RESISTANT POLYMER MATERIALS OR SS INTERNAL MOVING PARTS, INCLUDING TRIM &amp; FLOAT, AND WAY OUT FEATURE</td>
</tr>
</tbody>
</table>

### ARI
- D-025ST

## VLVDD

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>007</td>
<td>NO LEAD CONSTRUCTED VALVE, CURB STOP, 1&quot; PE COMP X FIP BALL CURB LW.</td>
</tr>
</tbody>
</table>

### FORD
- B61-444W-NL

### A.Y. MCDONALD
- 4113-145

### MUELLER
- B25196N

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>009</td>
<td>NO LEAD VALVE, CORP STOP, 1&quot;, CC THREAD X FIP THREAD. INVERTED KEY (GROUND KEY) OR BALL TYPE.</td>
</tr>
</tbody>
</table>

### FORD
- F1600-4-NL

### A.Y. MCDONALD
- 4113-145

### MUELLER
- B-20045N
- H-10045N

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>012</td>
<td>NO LEAD VALVE, CORP STOP 2&quot; INLET: COPPER TO COPPER THREAD;OUTLET: FIP THREADS</td>
</tr>
</tbody>
</table>

### FORD
- FB16007
- FB1600-7

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>115</td>
<td>NO LEAD VALVE, CORP STOP, 1&quot; MIP INLET: 1&quot; COMPRESSION FOR POLYBUTYLENE TUBING OUTLET (P/N F 1100-4)</td>
</tr>
</tbody>
</table>

### FORD
- F1100-4-NL

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>NO LEAD VALVE, CORP STOP, 1-1/2&quot;, INLET: AWWA COPPER TO COPPER THREAD, OUTLET: COMPRESSION OR PACK JOINT.</td>
</tr>
</tbody>
</table>

### FORD
- FB1000-6-NL
NO LEAD VALVE, CORP STOP, 1-1/2", BALL TYPE, INLET TO BE MALE IRON PIPE THREAD, OUTLET TO BE COMPRESSION FOR 250 PSI POLYBUTYLENE.

FORD
FB-1100-6-NL

INACTIVE - NO LEAD VALVE, STOP CORP 1-1/2" X 2", INLET: COPPER TO COPPER THREAD, OUTLET: COPPER, NO GASKET REQUIRED, W/STRAIGHT COUPLING NUT.

FORD
FB600-67
H-15000
FB-600

NO LEAD VALVE, CORP STOP, 2", INLET: COPPER TO COPPER THREAD, OUTLET: COMPRESSION (OR PACK JOINT)

FORD
FB1000-7-NL
MCDONALD
4701B-22FT
MUELLER
H-25028N

NO LEAD VALVE, CORP STOP, 2", BALL TYPE, IRON PIPE THREAD

FORD
FB1100-7-NL

NO LEAD VALVE, CORP STOP, 3/4", INLET: COPPER TO COPPER THREAD; OUTLET: CONDUCTIVE COMPRESSION CONNECTION FOR TYPE "K" COPPER SERVICE PIPE OR PLASTIC PIPE HAVING SAME O.D.

FORD
F1000-3-NL
MUELLER
15008N

NO LEAD BRASS VALVE, CORP STOP 1", INLET: COPPER TO COPPER THREAD; OUTLET: CONDUCTIVE COMPRESSION CONNECTION FOR TYPE "K" COPPER SERVICE PIPE OR PLASTIC PIPE HAVING SAME O.D.

FORD
F1000-4-NL
## PUD-VALVES

### VLVDD

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>A.Y. MCDONALD</th>
<th>FORD</th>
<th>MUELLER</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>NO LEAD VALVE, CORP STOP 1-1/2&quot;, OUTLET; INCREASING I.P. THREAD, INLET: AWWA CC THREAD, NO COUPLING, (OLD STYLE)</td>
<td>73121B 1½&quot;</td>
<td>FB800-6-NL</td>
<td>B-20003N</td>
</tr>
<tr>
<td>210</td>
<td>NO LEAD BRASS VALVE, CORP STOP, 2&quot; X 2-1/2&quot;, INLET: COPPER TO COPPER, OUTLET: INCREASING IRON PIPE THREAD.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>300</td>
<td>NO LEAD VALVE, CURB STOP, COPPER TO COPPER - 3/4&quot;, INVERTED KEY ROUNDWAY WITH CHECK LOCK TYPE, INLET: COPPER, OUTLET: FEMALE IRON PIPE THREAD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>304</td>
<td>NO LEAD CONSTRUCTED VALVE, CURB STOP - 3/4&quot;, BALL TYPE, FULL PORT ROUNDWAY, WITH LOCK WING, COMPRESSION (OR PACK JOINT)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>310</td>
<td>NO LEAD VALVE STOP CURB COPPER TO COPPER 1&quot;, INVERTED KEY ROUNDWAY WITH CHECK LOCK TYPE, INLET: COPPER, OUTLET: FEMALE IRON PIPE THREAD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>314</td>
<td>NO LEAD CONSTRUCTED VALVE, CURB STOP - 1&quot;, BALL TYPE, FULL PORT ROUNDWAY, WITH LOCK WING, COMPRESSION (OR PACK JOINT)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PUD-VALVES

VLVDD

Item  Description:  NO LEAD CONSTRUCTED VALVE, BALL, CURB STOP, 1-1/2", BALL TYPE FEMALE IRON PIPE X COMPRESSION (OR PACK JOINT), FULL PORT ONLY, PADLOCK WINGS.
  320  FORD  B41-666W-NL

Item  Description:  NO LEAD CONSTRUCTED VALVE, CURB STOP, 3/4", BALL TYPE, FIP X FIP, WITH LOCK WING, FULL PORT ONLY,
  404  FORD  B11-333W-NL

Item  Description:  NO LEAD CONSTRUCTED VALVE, CURB STOP, 1", BALL TYPE, FIP X FIP, WITH LOCK WING, FULL PORT ONLY,
  414  FORD  B11-444W-NL

Item  Description:  NO LEAD CONSTRUCTED VALVE, CURB STOP, 1-1/2", BALL TYPE, FEMALE IRON PIPE ON BOTH ENDS, FULL PORT, TO BE SUPPLIED WITH PADLOCK WINGS.
  420  FORD  B11-666W-NL

Item  Description:  NO LEAD CONSTRUCTED VALVE, CURB STOP, 2", FIP X FIP, BALL VALVE, FULL PORT, TO BE SUPPLIED WITH PADLOCK WINGS
  500  FORD  B11-777W-NL

Item  Description:  NO LEAD CONSTRUCTED VALVE, CURB STOP, 2", COMPRESSION X FIP, BALL VALVE, FULL PORT, TO BE SUPPLIED WITH PADLOCK WINGS.
  562  FORD  B41-777W-NL
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>110</td>
<td>VALVE, TAPPING 4&quot;, RESILIENT SEATED, PILOT FLANGE X MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT, WITHOUT ACCESSORIES AS PER JEA SPECIFICATIONS ONLY. ONLY APPROVED VALVES WILL BE ACCEPTED.</td>
</tr>
<tr>
<td>120</td>
<td>VALVE, TAPPING 6&quot;, RESILIENT SEATED, PILOT FLANGE X MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT, WITHOUT ACCESSORIES. AS PER JEA SPECIFICATIONS ONLY. ONLY APPROVED VALVES WILL BE ACCEPTED.</td>
</tr>
<tr>
<td>130</td>
<td>VALVE, TAPPING 8&quot;, RESILIENT SEATED, PILOT FLANGE X MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT, WITHOUT ACCESSORIES AS PER JEA SPECIFICATIONS ONLY. ONLY APPROVED VALVES WILL BE ACCEPTED.</td>
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<tr>
<td>140</td>
<td>VALVE, TAPPING 10&quot;, RESILIENT SEATED, PILOT FLANGE X MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT, WITHOUT ACCESSORIES. AS PER JEA SPECIFICATIONS ONLY. ONLY APPROVED VALVES WILL BE ACCEPTED.</td>
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<tr>
<td>150</td>
<td>VALVE, TAPPING 12&quot;, RESILIENT SEATED, PILOT FLANGE X MECHANICAL JOINT, NON-RISING STEM, OPEN LEFT, WITHOUT ACCESSORIES. AS PER JEA SPECIFICATIONS ONLY. ONLY APPROVED VALVES WILL BE ACCEPTED.</td>
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### PUD—VALVES

**VLVFF**

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<th>Item</th>
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<tbody>
<tr>
<td>000</td>
<td>BOX, VALVE - PLATE W-17, ADJUSTABLE ROADWAY. ** 2 PIECE HEAVY DUTY VALVE BOX ONLY, SHIP ASSEMBLED AND PALLETIZED. STACK NO MORE THAN 2 HIGH ON PALLET. LIDS OR COVERS ARE ORDERED AND SHIPPED AS SEPERATE LINE ITEMS.</td>
</tr>
</tbody>
</table>

- **EAST JORDON IRON WORKS**
  - 85501922
- **OPELIKA FOUNDRY**
  - 4905 (SIZE 18) (HD)
- **RUSSCO**
  - VB2612X
- **SIGMA**
  - VB2612X
- **STAR PIPE PRODUCTS**
  - VB461S
- **TYLER PIPE**
  - 461-SH (HD)

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<tr>
<td>010</td>
<td>BOX, VALVE JACKET RISER, 5-1/4&quot; X 3&quot;. HEAVY DUTY</td>
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- **SIGMA**
  - VB-2603
- **STARR**
  - VBR - 3

**VLVGG**

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<td>845</td>
<td>BOX COVER ONLY. COVERS ARE TO BE SHIPPED SEPERATELY FROM BOXES.</td>
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- **OPELIKA FOUNDRY**
  - 4905 (18) (HD)
- **RUSSCO**
  - VB 26005 (HD)
  - VB 461 SHD
- **TYLER PIPE**
  - 461-SH (HD)
  - 7500 (HD)

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<tr>
<td>850</td>
<td>COVER, VALVE BOX, HEAVY DUTY ADJUSTABLE - COVER TO BE MARKED &quot;WATER&quot;. DETAIL PLATE #W-16. ** COVER ONLY. COVERS ARE TO BE SHIPPED SEPERATELY FROM BOXES.</td>
</tr>
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- **EAST JORDON IRON WORKS**
  - 6800
- **OPELIKA FOUNDRY**
  - 4905 (HD)
- **SIGMA**
  - VB2600
- **STAR PIPE PRODUCTS**
  - VBLIDHD
- **TYLER PIPE**
  - 461-SH (HD)
  - 7500 (HD)
- **U.S. FOUNDRY**
## PUD-VALVES

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<td>855</td>
<td>COVER, VALVE BOX, HEAVY DUTY/DOMESTIC- APPROX-12LB COVER TO BE MARKED &quot;REUSE&quot; **** BOX COVER ONLY. DETAIL PLATE #W-16. <strong>COVERS ARE TO BE SHIPPED SEPERATELY FROM BOXES.</strong>**</td>
<td>458975</td>
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<td>108</td>
<td>VALVE, PRESSURE REDUCING, 8&quot; BERMAD, W/ELECTRIC REMOTE CONTROL 2-WAY SOLENOID, W\Y PAATTERN DESIGN, ACTUATOR MUST INCLUDE V-PORT THROTTLING PLUG, 7-200 PSI ADJUSTMENT CLOSING SPEED CONTROL, ISO 9002 QUALITY ASSURANCE STANDARD.</td>
<td>720-55BP-08-Y-I-A1-VI</td>
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<td>110</td>
<td>VALVE, PRESSURE REDUCING, 10&quot; BERMAD, W/ELECTRIC REMOTE CONTROL 2-WAY SOLENOID, W\Y PAATTERN DESIGN, ACTUATOR MUST INCLUDE V-PORT THROTTLING PLUG, 7-200 PSI ADJUSTMENT CLOSING SPEED CONTROL, ISO 9002 QUALITY ASSURANCE STANDARD.</td>
<td>720-55BP-10-Y-I-A1-VI</td>
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WASHERS

WASFG

Item Description: WASHER, 3/4", FLAT ROUND, 316 SS ** STD. PKG. 100 EACH **
650

PUD-WELLPOINT MATERIAL

WPTAA

Item Description: WELLPOINTS, SELF JETTING, TOP THREADED FOR 1-1/2" STANDARD PIPE, 2.60 O.D., REMOVABLE PVC SCREEN, HEAVY DUTY STEEL INFLOW PIPE WITH SUCTION HOLES AT THE BOTTOM, ANGULAR CAST JET HEAD WITH HEAVY CUTTING TEETH AND A SINGLE BALL VALVE. ** MUS
010

Item Description: ELBOW, HOSE - 90 DEGREE WELLPOINT (SWING JOINT) PLASTIC ELBOW, ELBOW COMES WITH THREE O-RINGS, ONE END TO BE MALE HOSE SLIP-ON, OTHER END TO BE O-RING CONNECTOR **ITEM MUST BE COMPATIBLE WITH COMPLETE WELLPOINT SYSTEMS** ** NO SUBSTITUTE **
020

Item Description: INACTIVE - CLAMP, HEADER, WELLPOINT, 4", QUICK DISCONNECT STAINLESS STEEL SCREW CLAMP. PART #128 QD CLAMP **ITEM MUST BE COMPATIBLE WITH COMPLETE WELLPOINT SYSTEMS**
050

Item Description: CLAMP, HEADER, WELLPOINT, 6", QUICK DISCONNECT STAINLESS STEEL SCREW CLAMP. PART #56128 QD CLAMP **ITEM MUST BE COMPATIBLE WITH COMPLETE WELLPOINT SYSTEMS**
060
**INACTIVE - SLEEVE RUBBER 6" WELLPOINT HEADER ** ITEM MUST BE COMPATIBLE WITH COMPLETE WELLPOINT SYSTEMS **

**HOSE, WATER/AIR, 1" (125.4 MM), WITH BRASS MALE/FEMALE HOSE CONNECTORS ON EACH END, 200 PSI PRESSURE MINIMUM, GOODYEAR "HORIZON" HOSE OR EQUAL. HOSE TO BE IN 100 FT LENGTHS ONLY. ** ITEM MUST BE COMPATIBLE WITH COMPLETE WELLPOINT SYSTEMS **

**ADAPTER, HOSE - MALE, 1 1/2". ** ITEM MUST BE COMPATIBLE WITH COMPLETE WELLPOINT SYSTEMS **

**O'RING, WELLPOINT 2-1/8" I.D. PART #315 (FOR SWING JOINT ELBOWS) ** ITEM MUST BE COMPATIBLE WITH COMPLETE WELLPOINT SYSTEMS **

**PIPE, PVC, 4", WELLPOINT HEADER PIPE, SCH40 PIPE, 20 FT LENGTHS, COMPLETE WITH SPECIAL RED RUBBER INSERTS, HOLED ON 3 FT CENTERS (7 INSERTS). HOLLAND PUMP MANUFACTURING ***** NO SUBSTITUTE *****
PUD-WELLPOINT MATERIAL

WPTAA

Item Description: PIPE, PVC, 6", WELLPOINT HEADER, TYPE SCH40 PVC PIPE, 20 FT LENGTHS, PIPE MUST HAVE 2" SADDLES PER COMPLETE WELLPOINT SPECIFICATIONS. NOTE: MUST BE COMPLETE DEWATERING PUMPS AND WELL, WELLPOINT SYSTEMS.

COMPLETE DEWATERING AND WELL

P/N

Item Description: JOINT, SWING, WELLPOINT COMPLETE ** ITEM MUST BE COMPATIBLE WITH COMPLETE WELLPOINT SYSTEMS**

Item Description: ON HOLD WITH STDS JOINT, SWING, WELLPOINT-6FT LENGTH, WITH ONE ACRYLIC TAPER FIT ELBOW AND ONE O-RING ELBOW, CLEAR HOSE TO BE BANDED. ONE END FITS HOLLAND RED RUBBER INSERTS AND ONE END FITS EXISTING 2"WELLPOINTS. HOLLAND MFG **NO SUBSTITUTE**

Item Description: TOP, WELLPOINT (RISER TOPS), ALUMINUM, ONE PIECE, 1-1/2" FEMALE THREAD ON ONE END AND OTHER END TO BE CUPPED AND BEVELED TO FIT WELLPOINT SWING JOINT -- TO BE COMPATIBLE AND INTERCHANGEABLE WITH COMPLETE WELLPOINT SYSTEMS

Item Description: INSERT, HEADER PIPE - BLUE RUBBER, 1-1/2", FOR 4" HEADER, FOR USE WITH HOLLAND TAPER FIT SWING JOINT ELBOW. HOLLAND PUMP MANUFACTURING ***** NO SUBSTITUTE *****
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<td>PLUG, HEADER PIPE - VACUUM HAT (PLUG) FOR HOLLAND PUMP RUBBER INSERTS, SOLID PLASTIC (NEW STYLE). HOLLAND PUMP MFG <em><strong>NO SUBSTITUTE</strong></em></td>
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<tr>
<td>440</td>
<td>PLUG, HEADER, WELLPOINT, 2&quot; PART #315 ** ITEM MUST BE COMPATIBLE WITH COMPLETE WELLPOINT SYSTEMS **</td>
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