ConnecTite® Push-Fit DWV Fittings

ABS-DWV Pipe and Fittings

PVC-DWV Pipe and Fittings

PVC Sewer Pipe

PVC Schedule 30 DWV Thin Wall 3.25 in. O.D. Pipe and Fittings

(Updated June 22, 2020)
Plastic DWV Pipe and Fitting Dimensions

This catalog accurately reflects dimensional information to the best of our knowledge. If the dimensions on your job are critical, please verify dimensional information with our factory.

This dimensional catalog accurately reflects our product line at the time the catalog was printed. However, we add and delete items on an ongoing basis to better serve our customers. Please refer to our current list price sheets for an accurate listing of items offered.

Charlotte Pipe® products are manufactured to the applicable ASTM standard. Charlotte Pipe and Foundry cannot accept responsibility for the performance, dimensional accuracy, or compatibility of pipe, fittings, gaskets, or couplings not manufactured or sold by Charlotte Pipe and Foundry.

All products manufactured by Charlotte Pipe and Foundry Company are proudly made in the U.S.A.
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Download our Tech Tools App for dimensional info, tech calculators and more on your mobile device.

Charlotte Pipe, ABS Plus and ConnecTite are registered trademarks of Charlotte Pipe and Foundry Company.
ABS Foam Core Pipe

ABS Schedule 40 DWV Pipe  
(For Non-Pressure Applications)

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>NOM. SIZE</th>
<th>UPC #</th>
<th>QTY. PER SKID (FT.)</th>
<th>AVG. OD (IN.)</th>
<th>MIN. WALL (IN.)</th>
<th>WT. PER 100 FT. (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS 3112</td>
<td>1 1/2&quot; x 10'</td>
<td>03132</td>
<td>2590</td>
<td>1.900</td>
<td>0.145</td>
<td>27.1</td>
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<tr>
<td>ABS 3112</td>
<td>1 1/2&quot; x 20'</td>
<td>03133</td>
<td>5180</td>
<td>1.900</td>
<td>0.145</td>
<td>27.1</td>
</tr>
<tr>
<td>ABS 3200</td>
<td>2&quot; x 10'</td>
<td>03134</td>
<td>1670</td>
<td>2.375</td>
<td>0.154</td>
<td>37.7</td>
</tr>
<tr>
<td>ABS 3200</td>
<td>2&quot; x 20'</td>
<td>03135</td>
<td>3340</td>
<td>2.375</td>
<td>0.154</td>
<td>37.7</td>
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<tr>
<td>ABS 3300</td>
<td>3&quot; x 10'</td>
<td>03136</td>
<td>750</td>
<td>3.500</td>
<td>0.216</td>
<td>74.5</td>
</tr>
<tr>
<td>ABS 3300</td>
<td>3&quot; x 20'</td>
<td>03137</td>
<td>1500</td>
<td>3.500</td>
<td>0.216</td>
<td>74.5</td>
</tr>
<tr>
<td>ABS 3400</td>
<td>4&quot; x 10'</td>
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<td>480</td>
<td>4.500</td>
<td>0.237</td>
<td>107.1</td>
</tr>
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<td>ABS 3400</td>
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<td>107.1</td>
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<tr>
<td>ABS 3600</td>
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<td>400</td>
<td>6.625</td>
<td>0.280</td>
<td>187.8</td>
</tr>
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</table>

NSF Listed. Meets All Requirements of ASTM F 628.

NOTICE
NOT FOR PRESSURE
Do not use PVC / ABS / ABS Plus® cellular core (foam core) pipe for pressure applications. The use of cellular core pipe in pressure applications may result in system failure and property damage.
**ABS Plus® Foam Core DWV Pipe**

ABS Plus is a registered trademark of Charlotte Pipe and Foundry Company.

**ABS Plus Schedule 40 DWV Pipe**
*(For Non-Pressure Applications)*

**Pipe Data**

**NOT FOR PRESSURE**

Do not use PVC / ABS / ABS Plus® cellular core (foam core) pipe for pressure applications. The use of cellular core pipe in pressure applications may result in system failure and property damage.

---

**ABS PLUS SCHEDULE 40 FOAM CORE (BLACK) PLAIN END ASTM F 1488**

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>NOM. SIZE</th>
<th>UPC # 611942-</th>
<th>QTY. PER SKID (FT.)</th>
<th>AVG. OD (IN.)</th>
<th>MIN. WALL (IN.)</th>
<th>WT. PER 100 FT. (LBS.)</th>
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<tbody>
<tr>
<td>APA 17112</td>
<td>1½” x 10’</td>
<td>12495</td>
<td>2590</td>
<td>1.900</td>
<td>0.145</td>
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<tr>
<td>APA 17112</td>
<td>1½” x 20’</td>
<td>12494</td>
<td>5180</td>
<td>1.900</td>
<td>0.145</td>
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</tr>
<tr>
<td>APA 17200</td>
<td>2” x 10’</td>
<td>12497</td>
<td>1670</td>
<td>2.375</td>
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<td>41.9</td>
</tr>
<tr>
<td>APA 17200</td>
<td>2” x 20’</td>
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<td>41.9</td>
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<tr>
<td>APA 17300</td>
<td>3” x 10’</td>
<td>12499</td>
<td>750</td>
<td>3.500</td>
<td>0.216</td>
<td>84.0</td>
</tr>
<tr>
<td>APA 17300</td>
<td>3” x 20’</td>
<td>12498</td>
<td>1500</td>
<td>3.500</td>
<td>0.216</td>
<td>84.0</td>
</tr>
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<td>APA 17400</td>
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<td>480</td>
<td>4.500</td>
<td>0.237</td>
<td>118.80</td>
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<td>APA 17400</td>
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<td>960</td>
<td>4.500</td>
<td>0.237</td>
<td>118.80</td>
</tr>
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</table>

NSF Listed. Meets All Requirements of ASTM F 1488.

---

**WARNING**

Testing with or use of compressed air or gas in PVC / ABS / CPVC pipe or fittings can result in explosive failures and cause severe injury or death.

- NEVER test with or transport/store compressed air or gas in PVC / ABS / CPVC pipe or fittings.
- NEVER test PVC / ABS / CPVC pipe or fittings with compressed air or gas, or air over water boosters.
- ONLY use PVC / ABS / CPVC pipe or fittings for water or approved chemicals.
- Refer to warnings on PPFA’s website and ASTM D 1785.
PVC Foam Core Pipe

PVC Schedule 40 DWV Pipe
(For Non-Pressure Applications)

### PVC SCHEDULE 40 FOAM CORE (WHITE) PLAIN END ASTM F 891

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>NOM. SIZE</th>
<th>UPC #</th>
<th>QTY. PER SKID (FT.)</th>
<th>AVG. OD (IN.)</th>
<th>MIN. WALL (IN.)</th>
<th>WT. PER 100 FT. (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC 4112</td>
<td>1 1/2” x 10’</td>
<td>04178</td>
<td>1650</td>
<td>1.900</td>
<td>0.145</td>
<td>32.3</td>
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<td>PVC 4112</td>
<td>1 1/2” x 20’</td>
<td>04177</td>
<td>3300</td>
<td>1.900</td>
<td>0.145</td>
<td>32.3</td>
</tr>
<tr>
<td>PVC 4200</td>
<td>2” x 10’</td>
<td>04174</td>
<td>1110</td>
<td>2.375</td>
<td>0.154</td>
<td>43.9</td>
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<td>PVC 4200</td>
<td>2” x 20’</td>
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<td>2220</td>
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<td>43.9</td>
</tr>
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<td>PVC 4300</td>
<td>3” x 10’</td>
<td>03934</td>
<td>1130</td>
<td>3.500</td>
<td>0.216</td>
<td>89.7</td>
</tr>
<tr>
<td>PVC 4300</td>
<td>3” x 20’</td>
<td>03935</td>
<td>1000</td>
<td>3.500</td>
<td>0.216</td>
<td>89.7</td>
</tr>
<tr>
<td>PVC 4400</td>
<td>4” x 10’</td>
<td>03936</td>
<td>670</td>
<td>4.500</td>
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<tr>
<td>PVC 4400</td>
<td>4” x 20’</td>
<td>03937</td>
<td>1340</td>
<td>4.500</td>
<td>0.237</td>
<td>123.8</td>
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<tr>
<td>PVC 4600</td>
<td>6” x 10’</td>
<td>03938</td>
<td>330</td>
<td>6.625</td>
<td>0.280</td>
<td>235.0</td>
</tr>
<tr>
<td>PVC 4600</td>
<td>6” x 20’</td>
<td>03939</td>
<td>660</td>
<td>6.625</td>
<td>0.280</td>
<td>235.0</td>
</tr>
<tr>
<td>PVC 4800</td>
<td>8” x 20’</td>
<td>03941</td>
<td>360</td>
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<td>0.322</td>
<td>371.0</td>
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<tr>
<td>PVC 4910</td>
<td>10” x 20’</td>
<td>03942</td>
<td>220</td>
<td>10.750</td>
<td>0.365</td>
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<tr>
<td>PVC 4912</td>
<td>12” x 20’</td>
<td>03943</td>
<td>120</td>
<td>12.750</td>
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### PVC SCHEDULE 40 FOAM CORE (WHITE) BELL-END

<table>
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<th>PART NO.</th>
<th>NOM. SIZE</th>
<th>UPC #</th>
<th>QTY. PER SKID (FT.)</th>
<th>AVG. OD (IN.)</th>
<th>MIN. WALL (IN.)</th>
<th>WT. PER 100 FT. (LBS.)</th>
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<tbody>
<tr>
<td>PVC 4300B</td>
<td>3” x 20’</td>
<td>04782</td>
<td>1000</td>
<td>3.500</td>
<td>0.216</td>
<td>89.7</td>
</tr>
<tr>
<td>PVC 4400B</td>
<td>4” x 10’</td>
<td>04783</td>
<td>670</td>
<td>4.500</td>
<td>0.237</td>
<td>123.8</td>
</tr>
<tr>
<td>PVC 4400B</td>
<td>4” x 20’</td>
<td>04784</td>
<td>1340</td>
<td>4.500</td>
<td>0.237</td>
<td>123.8</td>
</tr>
<tr>
<td>PVC 4600B</td>
<td>6” x 10’</td>
<td>09904</td>
<td>330</td>
<td>6.625</td>
<td>0.280</td>
<td>235.0</td>
</tr>
<tr>
<td>PVC 4600B</td>
<td>6” x 20’</td>
<td>04786</td>
<td>660</td>
<td>6.625</td>
<td>0.280</td>
<td>235.0</td>
</tr>
</tbody>
</table>

**NOTE:** When ordering, please specify plain end or bell end.

NSF Listed. Meets All Requirements of ASTM F 891.

---

**WARNING**

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- NEVER test PVC / ABS / CPVC pipe or fittings with compressed air or gas, or air over water Boosters.
- ONLY use PVC / ABS / CPVC pipe or fittings for water or approved chemicals.
- Refer to warnings on PPFA’s website and ASTM D 1785.

---

**NOTICE**

Do not use PVC / ABS / ABS Plus® cellular core (foam core) pipe for pressure applications. The use of cellular core pipe in pressure applications may result in system failure and property damage.
## PVC Schedule 40 DWV Pipe

<table>
<thead>
<tr>
<th>PVC SCHEDULE 40 (WHITE)</th>
<th>PLAIN END</th>
<th>PVC 1120</th>
<th>ASTM D 2665</th>
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<td>PART NO.</td>
<td>NOM. SIZE</td>
<td>UPC # 611942</td>
<td>QTY. PER</td>
</tr>
<tr>
<td>PVC 7100*</td>
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<td>03945</td>
<td>2120'</td>
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<tr>
<td>PVC 7100*</td>
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<td>03946</td>
<td>4240'</td>
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<td>PVC 7112*</td>
<td>1 1/2&quot;x10'</td>
<td>03947</td>
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<td>PVC 7112*</td>
<td>1 1/2&quot;x20'</td>
<td>03948</td>
<td>3300'</td>
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<td>PVC 7200*</td>
<td>2&quot;x10'</td>
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<td>03950</td>
<td>2220'</td>
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<td>03951</td>
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<td>3&quot;x20'</td>
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<td>PVC 7400†</td>
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<td>03953</td>
<td>670'</td>
</tr>
<tr>
<td>PVC 7400†</td>
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<td>03954</td>
<td>1340'</td>
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<td>PVC 7500†</td>
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<td>760'</td>
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<td>6&quot;x20'</td>
<td>03956</td>
<td>660'</td>
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<td>PVC 7800†</td>
<td>8&quot;x10'</td>
<td>13087</td>
<td>180'</td>
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<td>PVC 7800†</td>
<td>8&quot;x20'</td>
<td>03958</td>
<td>360'</td>
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<td>PVC 7910†</td>
<td>10&quot;x20'</td>
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<td>PVC 7912†</td>
<td>12&quot;x20'</td>
<td>03961</td>
<td>120'</td>
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<td>PVC 7914†</td>
<td>14&quot;x20'</td>
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<td>PVC 7916†</td>
<td>16&quot;x20'</td>
<td>04918</td>
<td>60'</td>
</tr>
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</table>

* Dual Marked ASTM D 1785 & ASTM D 2665.
† Triple Marked ASTM D 1785 & ASTM D 2665 & ASTM F 480.

**WARNING**

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- ONLY use PVC / ABS / CPVC pipe or fittings for water or approved chemicals.
- Refer to warnings on PPFA’s website and ASTM D 1785.

pipe data

Pipe Data

PVC Schedule 40 DWV Pipe

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- Refer to warnings on PPFA’s website and ASTM D 1785.
# PVC Sewer Pipe

## PVC SDR 35 PSM Pipe

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<th>NOM. SIZE</th>
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<th>WT. PER 100 FT. (LBS.)</th>
<th>AVG. OD (IN.)</th>
<th>MIN. WALL (IN.)</th>
</tr>
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<tbody>
<tr>
<td>S/M 6004G</td>
<td>4&quot;x14'</td>
<td>11920</td>
<td>840</td>
<td>14'-0''</td>
<td>110.4</td>
<td>4.215</td>
<td>.120</td>
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<tr>
<td>S/M 6004G</td>
<td>4&quot;x20'</td>
<td>04012</td>
<td>1200</td>
<td>20'-0''</td>
<td>109.7</td>
<td>4.215</td>
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<tr>
<td>S/M 6006G</td>
<td>6&quot;x14'</td>
<td>11921</td>
<td>462</td>
<td>14'-0''</td>
<td>249.6</td>
<td>6.275</td>
<td>.180</td>
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<tr>
<td>S/M 6006G</td>
<td>6&quot;x20'</td>
<td>04016</td>
<td>660</td>
<td>20'-0''</td>
<td>247.0</td>
<td>6.275</td>
<td>.180</td>
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<td>S/M 6008G</td>
<td>8&quot;x14'</td>
<td>11922</td>
<td>140</td>
<td>14'-0''</td>
<td>451.0</td>
<td>8.400</td>
<td>.240</td>
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</table>

**Weight is approximate and is for shipping purposes only.**

## SDR-35 SOLVENT WELD - PS 46

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>NOM. SIZE</th>
<th>UPC # 611942-</th>
<th>QTY. PER SKID (FT.)</th>
<th>LAYING LENGTH</th>
<th>WT. PER 100 FT. (LBS.)</th>
<th>AVG. OD (IN.)</th>
<th>MIN. WALL (IN.)</th>
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</thead>
<tbody>
<tr>
<td>S/M 6004</td>
<td>4&quot;x10'</td>
<td>04008</td>
<td>600</td>
<td>10'-0''</td>
<td>108.3</td>
<td>4.215</td>
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</tr>
<tr>
<td>S/M 6004</td>
<td>4&quot;x20'</td>
<td>04009</td>
<td>1200</td>
<td>20'-0''</td>
<td>108.3</td>
<td>4.215</td>
<td>.120</td>
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<tr>
<td>S/M 6006</td>
<td>6&quot;x10'</td>
<td>04013</td>
<td>330</td>
<td>10'-0''</td>
<td>241.7</td>
<td>6.275</td>
<td>.180</td>
</tr>
<tr>
<td>S/M 6006</td>
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<td>04014</td>
<td>660</td>
<td>20'-0''</td>
<td>241.7</td>
<td>6.275</td>
<td>.180</td>
</tr>
</tbody>
</table>

**Weight is approximate and is for shipping purposes only.**

Meets All Requirements of ASTM D 3034.

SDR 35 Gaskets meet or exceed ASTM F 477. Gasketed joints meet ASTM D 3212.

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## PVC Testing

**WARNING**

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- NEVER test with or transport/store compressed air or gas in PVC / ABS / CPVC pipe or fittings.
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- ONLY use PVC / ABS / CPVC pipe or fittings for water or approved chemicals.
- Refer to warnings on PPFA’s website and ASTM D 1785.

---

**NOTICE**

Do not use PVC Sewer pipe for pressure applications. The use of sewer pipe in pressure applications may result in system failure and property damage.

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**NOT FOR PRESSURE**

Do not use PVC Sewer pipe for pressure applications. The use of sewer pipe in pressure applications may result in system failure and property damage.
# PVC Sewer and Drain Pipe

## PVC ASTM D 2729 Pipe

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>NOM. SIZE</th>
<th>UPC # 611942-</th>
<th>QTY. PER SKID</th>
<th>AVG. OD (IN.)</th>
<th>MIN. WALL (IN.)</th>
<th>BELL DEPTH (IN.)</th>
<th>WT. PER 100 FT. (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC 30030</td>
<td>3” x 10’</td>
<td>10903</td>
<td>810</td>
<td>3.250</td>
<td>0.070</td>
<td>3.00</td>
<td>52.8</td>
</tr>
<tr>
<td>PVC 30040</td>
<td>4” x 10’</td>
<td>10905</td>
<td>500</td>
<td>4.215</td>
<td>0.075</td>
<td>3.50</td>
<td>70.4</td>
</tr>
<tr>
<td>PVC 30060</td>
<td>6” x 10’</td>
<td>15149</td>
<td>330</td>
<td>6.275</td>
<td>0.100</td>
<td>4.00</td>
<td>129.0</td>
</tr>
</tbody>
</table>

## Perforated PVC ASTM D 2729 Pipe

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>NOM. SIZE</th>
<th>UPC # 611942-</th>
<th>QTY. PER SKID</th>
<th>AVG. OD (IN.)</th>
<th>MIN. WALL (IN.)</th>
<th>BELL DEPTH (IN.)</th>
<th>WT. PER 100 FT. (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC 30030P</td>
<td>3” x 10’</td>
<td>11814</td>
<td>1040</td>
<td>3.250</td>
<td>0.070</td>
<td>3.00</td>
<td>52.8</td>
</tr>
<tr>
<td>PVC 30040P</td>
<td>4” x 10’</td>
<td>11815</td>
<td>500</td>
<td>4.215</td>
<td>0.075</td>
<td>3.50</td>
<td>70.4</td>
</tr>
</tbody>
</table>

Perforated pipe is supplied with two rows of 1/2” diameter holes every five inches. Rows are parallel to the pipe axis and are 120° apart.

Weight is approximate and is for shipping purposes only.

Pipe listed in this section meets or exceeds the requirements of ASTM D 2729.

All products manufactured by Charlotte Pipe and Foundry Company are proudly made in the U.S.A.

## WARNING

Failure to follow safety precautions may result in misapplication or improper installation and testing which can cause severe personal injury and / or property damage. Primers and cements are extremely flammable and may be explosive. Do not store or use near heat or open flame, or death or serious injury may occur.

- Solvent fumes created during the joining process are heavier than air and may be trapped in newly installed piping systems.
- Ignition of the solvent vapors caused by spark or flame may result in injury or death from explosion or fire.
- Read and obey all manufacturers’ warnings and any instructions pertaining to primers and cements.
- Provide adequate ventilation to reduce fire hazard and to minimize inhalation of solvent vapors when working with cements, primers and new piping systems.

**NOTICE**

Do not use PVC Sewer pipe for pressure applications. The use of sewer pipe in pressure applications may result in system failure and property damage.
PART NO. CTT 100
ConnecTite Coupling
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½</td>
<td>1/8</td>
<td>2 15/32</td>
</tr>
<tr>
<td>2</td>
<td>1/8</td>
<td>2 13/32</td>
</tr>
<tr>
<td>3</td>
<td>6/32</td>
<td>3 21/32</td>
</tr>
</tbody>
</table>

PART NO. CTT 300
ConnecTite 1/4 Bend
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½</td>
<td>1 3/4</td>
</tr>
<tr>
<td>2</td>
<td>2 5/16</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

PART NO. CTT 321
ConnecTite 1/8 Bend
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½</td>
<td>1 3/32</td>
</tr>
<tr>
<td>2</td>
<td>1 13/32</td>
</tr>
<tr>
<td>3</td>
<td>1 11/16</td>
</tr>
</tbody>
</table>

* ConnecTite fittings may be used in PVC-DWV and ABS-DWV systems.

ConnecTite is a registered trademark of Charlotte Pipe and Foundry Company.
PART NO. CTT 400

ConnecTite Sanitary Tee

<table>
<thead>
<tr>
<th>SIZE</th>
<th>ALL HUB</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½</td>
<td>$1 \frac{23}{32}$ $2 \frac{1}{32}$</td>
</tr>
<tr>
<td>2</td>
<td>$2 \frac{5}{32}$ $3 \frac{19}{32}$</td>
</tr>
<tr>
<td>3</td>
<td>$3 \frac{1}{32}$ $4 \frac{25}{32}$</td>
</tr>
</tbody>
</table>

PART NO. CTT 800S

ConnecTite Closet Flange

<table>
<thead>
<tr>
<th>SIZE</th>
<th>HUB</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3</td>
<td>7 $2 \frac{15}{32}$ $\frac{7}{16}$ $1 \frac{23}{32}$</td>
</tr>
</tbody>
</table>

* ConnecTite fittings may be used in PVC-DWV and ABS-DWV systems.

ConnecTite is a registered trademark of Charlotte Pipe and Foundry Company.
# PVC and ABS DWV Fittings

## ABS

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½</td>
<td>1.910</td>
<td>1.895</td>
<td>.687</td>
<td>.156</td>
</tr>
<tr>
<td>2</td>
<td>2.385</td>
<td>2.370</td>
<td>.750</td>
<td>.156</td>
</tr>
<tr>
<td>3</td>
<td>3.515</td>
<td>3.495</td>
<td>1.500</td>
<td>.218</td>
</tr>
<tr>
<td>4</td>
<td>4.515</td>
<td>4.495</td>
<td>1.750</td>
<td>.250</td>
</tr>
<tr>
<td>6</td>
<td>6.647</td>
<td>6.614</td>
<td>3.000</td>
<td>.281</td>
</tr>
</tbody>
</table>

## PVC

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>1¼</td>
<td>1.675</td>
<td>1.650</td>
<td>.687</td>
<td>.156</td>
</tr>
<tr>
<td>1½</td>
<td>1.915</td>
<td>1.895</td>
<td>.687</td>
<td>.156</td>
</tr>
<tr>
<td>2</td>
<td>2.390</td>
<td>2.370</td>
<td>.750</td>
<td>.156</td>
</tr>
<tr>
<td>3</td>
<td>3.520</td>
<td>3.495</td>
<td>1.500</td>
<td>.218</td>
</tr>
<tr>
<td>4</td>
<td>4.520</td>
<td>4.495</td>
<td>1.750</td>
<td>.250</td>
</tr>
<tr>
<td>6</td>
<td>6.647</td>
<td>6.614</td>
<td>3.000</td>
<td>.281</td>
</tr>
<tr>
<td>8</td>
<td>8.655</td>
<td>8.610</td>
<td>4.000</td>
<td>.322</td>
</tr>
<tr>
<td>10</td>
<td>10.776</td>
<td>10.737</td>
<td>5.000</td>
<td>.365</td>
</tr>
<tr>
<td>12</td>
<td>12.778</td>
<td>12.736</td>
<td>6.000</td>
<td>.406</td>
</tr>
<tr>
<td>14</td>
<td>14.035</td>
<td>13.985</td>
<td>7.000</td>
<td>.437</td>
</tr>
<tr>
<td>16</td>
<td>16.045</td>
<td>15.980</td>
<td>8.000</td>
<td>.500</td>
</tr>
</tbody>
</table>
## PART NO. 100

**Coupling**  
**HUB X HUB**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1¼</td>
<td>½</td>
<td>1¾</td>
</tr>
<tr>
<td>1½ (PVC)</td>
<td>½</td>
<td>1½</td>
</tr>
<tr>
<td>1½ (ABS)</td>
<td>½</td>
<td>1½</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>15/64</td>
<td>1¾</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>½</td>
<td>1 13/16</td>
</tr>
<tr>
<td>3</td>
<td>3/16</td>
<td>3 3/16</td>
</tr>
<tr>
<td>4</td>
<td>¼</td>
<td>3¾</td>
</tr>
<tr>
<td>6</td>
<td>¼</td>
<td>6¼</td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>¼</td>
<td>8¾</td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>5/16</td>
<td>10 3/8</td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>¾</td>
<td>13 1/16</td>
</tr>
<tr>
<td>14 (F) (PVC)</td>
<td>3</td>
<td>17</td>
</tr>
<tr>
<td>16 (F) (PVC)</td>
<td>3 3/8</td>
<td>19 3/8</td>
</tr>
</tbody>
</table>

(F) Fabricated  

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 101
Female Adapter

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1(\frac{1}{2}) (PVC)</td>
<td>(\frac{1}{4})</td>
</tr>
<tr>
<td>1(\frac{1}{2}) (ABS)</td>
<td>(\frac{3}{16})</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>(\frac{1}{4})</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>(\frac{5}{32})</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>(\frac{5}{16})</td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>(\frac{7}{32})</td>
</tr>
<tr>
<td>4</td>
<td>(1\frac{1}{32})</td>
</tr>
<tr>
<td>6 (PVC)</td>
<td>(\frac{1}{4})</td>
</tr>
<tr>
<td>6 (ABS)</td>
<td>(\frac{3}{32})</td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>(\frac{9}{16})</td>
</tr>
<tr>
<td>10(^{(F)}) (PVC)</td>
<td>2 (\frac{7}{8})</td>
</tr>
<tr>
<td>12(^{(F)}) (PVC)</td>
<td>3 (\frac{3}{16})</td>
</tr>
</tbody>
</table>

### PART NO. PVC 101X
Female Adapter with Cleanout Plug

<table>
<thead>
<tr>
<th>SIZE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>8 (PVC)</td>
<td>See Part No. 101 and 106</td>
</tr>
<tr>
<td>10(^{(F)}) (PVC)</td>
<td></td>
</tr>
<tr>
<td>12(^{(F)}) (PVC)</td>
<td></td>
</tr>
</tbody>
</table>

\(^{(F)}\) Fabricated

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
## PVC and ABS DWV Fittings

### PART NO. 102

**Pipe Increaser—Reducer**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2 x 2 (PVC)</td>
<td>25/32</td>
<td>17/32</td>
</tr>
<tr>
<td>1 1/2 x 2 (ABS)</td>
<td>23/32</td>
<td>5/8</td>
</tr>
<tr>
<td>1 1/2 x 3</td>
<td>311/32</td>
<td>13/32</td>
</tr>
<tr>
<td>2 x 3 (PVC)</td>
<td>39/32</td>
<td>7/8</td>
</tr>
<tr>
<td>2 x 3 (ABS)</td>
<td>317/32</td>
<td>1 1/8</td>
</tr>
<tr>
<td>2 x 4 (PVC)</td>
<td>4</td>
<td>1 3/8</td>
</tr>
<tr>
<td>2 x 4 (ABS)</td>
<td>4 1/16</td>
<td>1 3/8</td>
</tr>
<tr>
<td>3 x 4</td>
<td>4 3/16</td>
<td>15/16</td>
</tr>
<tr>
<td>3 x 6 (PVC)</td>
<td>6 1/2</td>
<td>2</td>
</tr>
<tr>
<td>4 x 6 (PVC)</td>
<td>6 9/32</td>
<td>1 3/4</td>
</tr>
<tr>
<td>4 x 8 (PVC)</td>
<td>7 1/2</td>
<td>1 23/32</td>
</tr>
<tr>
<td>6 x 8 (PVC)</td>
<td>8 13/32</td>
<td>113/32</td>
</tr>
<tr>
<td>4 x 10** (PVC)</td>
<td>1125/64</td>
<td>4 15/32</td>
</tr>
<tr>
<td>4 x 12** (PVC)</td>
<td>13 3/8</td>
<td>5 5/32</td>
</tr>
<tr>
<td>4 x 14**(F) (PVC)</td>
<td>19</td>
<td>9 3/4</td>
</tr>
<tr>
<td>4 x 16**(F) (PVC)</td>
<td>20 3/8</td>
<td>10 1/4</td>
</tr>
<tr>
<td>6 x 10 (PVC)</td>
<td>927/32</td>
<td>1 7/8</td>
</tr>
<tr>
<td>6 x 12** (PVC)</td>
<td>13 3/8</td>
<td>4 3/8</td>
</tr>
<tr>
<td>6 x 14**(F) (PVC)</td>
<td>20 3/4</td>
<td>10 15/32</td>
</tr>
<tr>
<td>6 x 16**(F) (PVC)</td>
<td>22 1/8</td>
<td>10 23/32</td>
</tr>
<tr>
<td>8 x 10 (PVC)</td>
<td>10 3/4</td>
<td>11/16</td>
</tr>
<tr>
<td>8 x 12 (PVC)</td>
<td>12 3/4</td>
<td>2 1/16</td>
</tr>
<tr>
<td>8 x 14**(F) (PVC)</td>
<td>22 1/2</td>
<td>11 3/8</td>
</tr>
<tr>
<td>8 x 16**(F) (PVC)</td>
<td>24 1/4</td>
<td>12 1/8</td>
</tr>
<tr>
<td>10 x 12 (PVC)</td>
<td>12 3/4</td>
<td>1 1 1/16</td>
</tr>
<tr>
<td>10 x 14**(F) (PVC)</td>
<td>17 3/4</td>
<td>5 3/4</td>
</tr>
<tr>
<td>10 x 16**(F) (PVC)</td>
<td>25</td>
<td>12</td>
</tr>
<tr>
<td>12 x 14**(F) (PVC)</td>
<td>16 3/16</td>
<td>3 3/16</td>
</tr>
<tr>
<td>12 x 16**(F) (PVC)</td>
<td>20 3/4</td>
<td>6 7/16</td>
</tr>
<tr>
<td>14 x 16**(F) (PVC)</td>
<td>19 7/8</td>
<td>4 7/16</td>
</tr>
</tbody>
</table>

**(F)** Fabricated

** Assembled from two molded components

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. 103
Trap Adapter–Male, Less Washer & Metal Nut
DWV SPIGOT X TUBULAR SLIP

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2 x 1 1/4 (PVC)</td>
<td>13/64</td>
</tr>
<tr>
<td>1 1/2</td>
<td>13/64</td>
</tr>
<tr>
<td>2</td>
<td>3/16</td>
</tr>
</tbody>
</table>

PART NO. 103P
Trap Adapter–Male, with Washer & Polyethylene Nut
DWV SPIGOT X TUBULAR SLIP

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2 x 1 1/4</td>
<td>13/64</td>
</tr>
<tr>
<td>1 1/2</td>
<td>13/64</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>3/16</td>
</tr>
</tbody>
</table>

PART NO. 103R
Trap Adapter–Male, with 1 1/2'' PVC Nut & Washer & 1 1/2'' x 1 1/4'' Washer
DWV SPIGOT X TUBULAR SLIP WITH PVC NUT

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>3/16</td>
</tr>
</tbody>
</table>

PART NO. 103W
Trap Adapter–Male, with Washer & PVC Nut
DWV SPIGOT X TUBULAR SLIP WITH PVC NUT

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2 x 1 1/4</td>
<td>13/64</td>
</tr>
<tr>
<td>1 1/2</td>
<td>13/64</td>
</tr>
<tr>
<td>2</td>
<td>3/16</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 103X
Trap Adapter—Male, with Washer & Chrome Nut

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ x 1¾</td>
<td>13/64</td>
</tr>
<tr>
<td>1½</td>
<td>13/64</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>3/16</td>
</tr>
</tbody>
</table>

### PART NO. 104
Trap Adapter—Female

**NOTE:** NOT A MALE ADAPTER.

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ x 1¾</td>
<td>5/16</td>
</tr>
<tr>
<td>1½</td>
<td>3/16</td>
</tr>
</tbody>
</table>

### PART NO. 104P
Trap Adapter—Female, with Washer & Polyethylene Nut

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ x 1¾</td>
<td>5/16</td>
</tr>
<tr>
<td>1½</td>
<td>3/16</td>
</tr>
</tbody>
</table>

### PART NO. 104R
Trap Adapter—Female, with 1½” PVC Nut & Washer & 1½” x 1¼” Washer

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½</td>
<td>3/16</td>
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</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 105
**Fitting Cleanout Adapter**

**PART NO. 104W**
*Trap Adapter—Female, with Washer & PVC Nut*

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1¼ (ABS)</td>
<td>9/16</td>
<td></td>
</tr>
<tr>
<td>1¼ x 1¼</td>
<td>5/16</td>
<td></td>
</tr>
<tr>
<td>1½</td>
<td>9/16</td>
<td></td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>9/64</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (ABS)</td>
<td>23/32</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>9/32</td>
</tr>
</tbody>
</table>

### PART NO. 104X
*Trap Adapter—Female, with Washer & Chrome Nut*

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1¼ (PVC)</td>
<td>9/16</td>
</tr>
<tr>
<td>1¼ x 1¼ (PVC)</td>
<td>5/16</td>
</tr>
<tr>
<td>1½</td>
<td>9/16</td>
</tr>
<tr>
<td>2</td>
<td>9/64</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (ABS)</td>
<td>23/32</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>9/32</td>
</tr>
</tbody>
</table>

### PART NO. 105
**Fitting Cleanout Adapter**

**PART NO. 104W**
*Trap Adapter—Female, with Washer & PVC Nut*

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1¼ (PVC)</td>
<td>9/16</td>
<td>3/4</td>
</tr>
<tr>
<td>1¼ x 1¼</td>
<td>5/32</td>
<td>9/8</td>
</tr>
<tr>
<td>1½ (ABS)</td>
<td>9/16</td>
<td>23/32</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>5/32</td>
<td>9/8</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>1/16</td>
<td>27/32</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>7/32</td>
<td>9/4</td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>7/32</td>
<td>1 1/32</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>1/4</td>
<td>7/8</td>
</tr>
<tr>
<td>4 (ABS)</td>
<td>7/32</td>
<td>1 1/32</td>
</tr>
<tr>
<td>6 (PVC)</td>
<td>5/16</td>
<td>17/16</td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>9/8</td>
<td>1 1/2</td>
</tr>
<tr>
<td>10 (F) (PVC)</td>
<td>15/16</td>
<td>2 1/4</td>
</tr>
<tr>
<td>12 (F) (PVC)</td>
<td>1 1/8</td>
<td>2 7/16</td>
</tr>
</tbody>
</table>

**PART NO. 104W**
*Trap Adapter—Female, with Washer & PVC Nut*

- PVC
- ABS

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.

*Fabricated*
PART NO. 105X
Fitting Cleanout Adapter with
Cleanout Plug
SPIGOT X FPT

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For dimensions see part numbers 105 and 106.

PART NO. 106
Cleanout Plug
MPT

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½</td>
<td>1⁹⁄₈</td>
<td>⁵⁄₆</td>
</tr>
<tr>
<td>2</td>
<td>1⁵⁄₈</td>
<td>⁵⁄₆</td>
</tr>
<tr>
<td>2½ (ABS)</td>
<td>1½</td>
<td>¾</td>
</tr>
<tr>
<td>3</td>
<td>1¾</td>
<td>¾</td>
</tr>
<tr>
<td>4</td>
<td>1⁷⁄₈</td>
<td>⁷⁄₈</td>
</tr>
<tr>
<td>6 (PVC)</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>6 (ABS)</td>
<td>1⁷⁄₈</td>
<td>³¹⁄₃₂</td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>2⁹⁄₈</td>
<td>¹³⁄₈</td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>2⁷⁄₁₆</td>
<td>¹⁷⁄₁₆</td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>2¹⁷⁄₃₂</td>
<td>¹¹⁷⁄₃₂</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 107

**Flush Bushing**

**SPIGOT X HUB**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1\frac{1}{2}$ x $1\frac{1}{4}$</td>
<td>$\frac{3}{16}$</td>
</tr>
<tr>
<td>2 x $1\frac{1}{4}$</td>
<td>$\frac{5}{16}$</td>
</tr>
<tr>
<td>2 x $1\frac{1}{2}$ (PVC)</td>
<td>$\frac{5}{16}$</td>
</tr>
<tr>
<td>2 x $1\frac{1}{2}$ (ABS)</td>
<td>$\frac{1}{8}$</td>
</tr>
<tr>
<td>3 x $1\frac{1}{2}$ (PVC)</td>
<td>1</td>
</tr>
<tr>
<td>3 x $1\frac{1}{2}$ (ABS)</td>
<td>$\frac{25}{32}$</td>
</tr>
<tr>
<td>3 x 2 (PVC)</td>
<td>$\frac{7}{8}$</td>
</tr>
<tr>
<td>3 x 2 (ABS)</td>
<td>$\frac{23}{32}$</td>
</tr>
<tr>
<td>4 x 2 (PVC)</td>
<td>$1\frac{1}{8}$</td>
</tr>
<tr>
<td>4 x 2 (ABS)</td>
<td>$1\frac{3}{16}$</td>
</tr>
<tr>
<td>4 x 3 (PVC)</td>
<td>$\frac{1}{2}$</td>
</tr>
<tr>
<td>4 x 3 (ABS)</td>
<td>$\frac{1}{4}$</td>
</tr>
<tr>
<td>6 x 4 (PVC)</td>
<td>$1\frac{3}{4}$</td>
</tr>
<tr>
<td>6 x 4 (ABS)</td>
<td>$1\frac{21}{32}$</td>
</tr>
<tr>
<td>8 x 4 (PVC)</td>
<td>$2\frac{7}{8}$</td>
</tr>
<tr>
<td>8 x 6 (PVC)</td>
<td>$1\frac{5}{8}$</td>
</tr>
<tr>
<td>10 x 4** (PVC)</td>
<td>$4\frac{7}{16}$</td>
</tr>
<tr>
<td>10 x 6** (PVC)</td>
<td>$3\frac{5}{32}$</td>
</tr>
<tr>
<td>10 x 8 (PVC)</td>
<td>$1\frac{1}{2}$</td>
</tr>
<tr>
<td>12 x 4** (PVC)</td>
<td>$5\frac{5}{32}$</td>
</tr>
<tr>
<td>12 x 6** (PVC)</td>
<td>$4\frac{5}{32}$</td>
</tr>
<tr>
<td>12 x 8 (PVC)</td>
<td>$2\frac{1}{2}$</td>
</tr>
<tr>
<td>12 x 10 (PVC)</td>
<td>$1\frac{1}{2}$</td>
</tr>
</tbody>
</table>

**Assembled from two molded components**

**Note:** If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. PVC 107

**Concentric Reducer Bushing**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 x 4(F) (PVC)</td>
<td>8</td>
</tr>
<tr>
<td>14 x 6(F) (PVC)</td>
<td>863/64</td>
</tr>
<tr>
<td>14 x 8(F) (PVC)</td>
<td>97/16</td>
</tr>
<tr>
<td>14 x 10(F) (PVC)</td>
<td>93/8</td>
</tr>
<tr>
<td>14 x 12(F) (PVC)</td>
<td>73/8</td>
</tr>
<tr>
<td>16 x 4(F) (PVC)</td>
<td>83/4</td>
</tr>
<tr>
<td>16 x 6(F) (PVC)</td>
<td>91/4</td>
</tr>
<tr>
<td>16 x 8(F) (PVC)</td>
<td>101/4</td>
</tr>
<tr>
<td>16 x 10(F) (PVC)</td>
<td>107/8</td>
</tr>
<tr>
<td>16 x 12(F) (PVC)</td>
<td>105/8</td>
</tr>
<tr>
<td>16 x 14(F) (PVC)</td>
<td>91/2</td>
</tr>
</tbody>
</table>

### PART NO. 108

**Flush Bushing (Cleanout Adapter)**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 1½</td>
<td>516</td>
</tr>
<tr>
<td>8 x 6(CP) (PVC)</td>
<td>1%6</td>
</tr>
</tbody>
</table>

### PART NO. PVC 108X

**Flush Bushing (Cleanout Adapter) with Plug**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 x 8 (PVC)</td>
<td>For dimensions see part numbers 106 &amp; 108</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 x 8 (PVC)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

(F) Fabricated

(CP) PVC 108, 8"x6" is available only as a component part of PVC 444X.

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 109

**Male Adapter**  
MPT X HUB  
**NOTE:** NOT A TRAP ADAPTER. WILL NOT ACCEPT A TAIL PIECE.  SEE PART NUMBER 104

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/4 (PVC)</td>
<td>3/16</td>
</tr>
<tr>
<td>1 1/4 x 1 1/2 (PVC)</td>
<td>3/16</td>
</tr>
<tr>
<td>1 1/2</td>
<td>3/16</td>
</tr>
<tr>
<td>2</td>
<td>3/16</td>
</tr>
<tr>
<td>3</td>
<td>3/8</td>
</tr>
<tr>
<td>4</td>
<td>3/8</td>
</tr>
</tbody>
</table>

### PART NO. 110

**Flush Cleanout Plug**  
& PVC 110B  
**Flush Cleanout Plug with Threaded Brass Insert**  
MPT

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 (PVC)</td>
<td>5/8</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>11/16</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>3/4</td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>27/32</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>3/4</td>
</tr>
<tr>
<td>4 (ABS)</td>
<td>7/8</td>
</tr>
</tbody>
</table>

### PART NO. 111

**Male Fitting Adapter**  
MPT X SPIGOT

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>1 13/16</td>
<td>3/4</td>
</tr>
<tr>
<td>1 1/2 x 1 1/4 (PVC)</td>
<td>1 11/16</td>
<td>11/16</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>1 15/16</td>
<td>7/6</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>1 7/8</td>
<td>7/6</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>3 3/16</td>
<td>1 1/2</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
## PVC and ABS DWV Fittings

### PART NO. PVC 113
Tray Plug Adapter

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2 (PVC)</td>
<td>2 9/16</td>
<td>17/32</td>
</tr>
</tbody>
</table>

### PART NO. ABS 113S
Tray Plug Adapter

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2 (ABS)</td>
<td>3 5/16</td>
<td>1/4</td>
</tr>
</tbody>
</table>

### PART NO. ABS 114
Threaded Cap

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2 (ABS)</td>
<td>7/8</td>
</tr>
</tbody>
</table>

### PART NO. PVC 115
Adapter Coupling

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 (PVC)</td>
<td>1 3/4</td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>3 1/2</td>
</tr>
<tr>
<td>10 x 8 (PVC)</td>
<td>3 1/2</td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>1</td>
</tr>
</tbody>
</table>

(\(\text{F}\)) Fabricated

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 116

#### Cap

<table>
<thead>
<tr>
<th>SIZE</th>
<th>SOCKET</th>
<th>A</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (PVC)</td>
<td>1</td>
<td>1²⁵⁄₁₆</td>
<td>1¹⁶⁄₁₆</td>
</tr>
<tr>
<td>1½ (ABS)</td>
<td>1</td>
<td>1⁴⁄₁₆</td>
<td>1⁵⁄₁₆</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>2⁷⁄₃₂</td>
<td>1³⁄₈</td>
<td></td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>1⁵⁄₁₆</td>
<td>³¹⁄₃₂</td>
<td></td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>2¹⁵⁄₁₆</td>
<td>1²⁹⁄₃₂</td>
<td></td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>2³⁄₃₂</td>
<td>²⁵⁄₃₂</td>
<td></td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>3⁶⁄₅₉</td>
<td>2₁/₂₃</td>
<td></td>
</tr>
<tr>
<td>4 (ABS)</td>
<td>2¹¹⁄₃₂</td>
<td>²³⁄₃₂</td>
<td></td>
</tr>
<tr>
<td>6 (PVC)</td>
<td>4³⁄₄</td>
<td>3⁶⁄₈</td>
<td></td>
</tr>
<tr>
<td>6 (ABS)</td>
<td>3¹³⁄₃₂</td>
<td>³¹⁄₃₂</td>
<td></td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>6¹³⁄₃₂</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>7⁹⁄₁₆</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>9⁷⁄₁₆</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>14 (PVC)</td>
<td>5¹⁄₂</td>
<td>5¹⁶⁄₁₆</td>
<td></td>
</tr>
<tr>
<td>16 (PVC)</td>
<td>5²⁴⁄₅₀</td>
<td>5⁴⁄₅</td>
<td></td>
</tr>
</tbody>
</table>

### PART NO. 117

#### Adapter Coupling

(Adapts Sewer and Drain Spigot to DWV Spigot)

<table>
<thead>
<tr>
<th>HUB X HUB</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 (PVC)</td>
<td>¹⁄₈</td>
</tr>
<tr>
<td>4 x 3</td>
<td>³⁄₄</td>
</tr>
<tr>
<td>4 x 4 (PVC)</td>
<td>¹⁄₂</td>
</tr>
<tr>
<td>4 x 4 (ABS)</td>
<td>³⁄₈</td>
</tr>
</tbody>
</table>

(F) Fabricated

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. PVC 117X

**Adapter Coupling**  
(Adapts Sewer and Drain Spigot to DWV Hub)  
HUB X SPG

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3 (PVC)</td>
<td>¼</td>
</tr>
</tbody>
</table>

### PART NO. 118

**Adapter Bushing**  
(Adapts DWV Hub to Sewer and Drain Spigot)  
DWV SPIGOT X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 (PVC)</td>
<td>¼</td>
<td>1³⁄₄</td>
</tr>
<tr>
<td>4</td>
<td>¼</td>
<td>2</td>
</tr>
</tbody>
</table>

### PART NO. 119

**No-Hub Adapter**  
(Adapts Cast Iron No-Hub Spigot to DWV Spigot)  
SPIGOT X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (PVC)</td>
<td>1²⁷⁄₃₂</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>1²⁹⁄₃₂</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>1⁵⁄₈</td>
</tr>
<tr>
<td>2 x 1½ (PVC)</td>
<td>1¹¹⁄₁₆</td>
</tr>
<tr>
<td>3</td>
<td>1¹³⁄₁₆</td>
</tr>
<tr>
<td>4</td>
<td>1²⁷⁄₃₂</td>
</tr>
<tr>
<td>4 x 3 (PVC)</td>
<td>2⁹⁄₃₂</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. PVC 120

Adapter Bushing
DWV SPIGOT X SDR 35 HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>8(F) (PVC)</td>
<td>5/8</td>
</tr>
<tr>
<td>10(F) (PVC)</td>
<td>5/8</td>
</tr>
<tr>
<td>12(F) (PVC)</td>
<td>5/8</td>
</tr>
</tbody>
</table>

PART NO. 122

Spigot Adapter, Cast Iron
(Adapts Cast Iron Spigot to DWV Spigot)
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 2</td>
<td>3/8</td>
</tr>
<tr>
<td>3 x 3 (PVC)</td>
<td>7/16</td>
</tr>
<tr>
<td>4 x 4 (PVC)</td>
<td>1/2</td>
</tr>
<tr>
<td>4 x 4 (ABS)</td>
<td>7/16</td>
</tr>
</tbody>
</table>

PART NO. 123

Hub Adapter, Cast Iron
(Adapts DWV Spigot to Cast Iron Hub)
HUB X SPIGOT

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 2(P)</td>
<td>33/64</td>
</tr>
<tr>
<td>3 x 3(P) (PVC)</td>
<td>45/64</td>
</tr>
<tr>
<td>4 x 4(P)</td>
<td>425/64</td>
</tr>
</tbody>
</table>

(P) Plain End: Joint can be made with compression gasket only.
Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. PVC 123R

Hub Adapter, Cast Iron, Increaser
(Adapts DWV Spigot to Cast Iron Hub)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1(\frac{1}{2}) x 2(^{(P)}) (PVC)</td>
<td>3(\frac{1}{2})</td>
</tr>
<tr>
<td>3 x 4(^{(P)}) (PVC)</td>
<td>4</td>
</tr>
</tbody>
</table>

PART NO. 130

Repair Coupling

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1(\frac{1}{2}) (PVC)</td>
<td>1(\frac{3}{8})</td>
</tr>
<tr>
<td>1(\frac{1}{2}) (ABS)</td>
<td>1(\frac{1}{2})</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>1(\frac{7}{8})</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>1(\frac{3}{16})</td>
</tr>
<tr>
<td>3</td>
<td>3(\frac{3}{16})</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>3(\frac{3}{4})</td>
</tr>
<tr>
<td>4 (ABS)</td>
<td>3(\frac{1}{2})</td>
</tr>
<tr>
<td>6 (PVC)</td>
<td>6(\frac{1}{4})</td>
</tr>
<tr>
<td>8(^{(F)}) (PVC)</td>
<td>8(\frac{3}{16})</td>
</tr>
<tr>
<td>10(^{(P)}) (PVC)</td>
<td>10(\frac{3}{16})</td>
</tr>
<tr>
<td>12(^{(P)}) (PVC)</td>
<td>12(\frac{3}{16})</td>
</tr>
</tbody>
</table>

\(^{(P)}\) Plain End: Joint can be made with compression gasket only.

\(^{(F)}\) Fabricated

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. PVC 131

**Test Cap**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (PVC)</td>
<td>(\frac{9}{32})</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>(\frac{9}{32})</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>(\frac{5}{16})</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>(\frac{3}{8})</td>
</tr>
</tbody>
</table>

### PART NO. PVC 132

**Outside Diameter Test Cap**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (PVC)</td>
<td>(\frac{9}{16})</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>(\frac{9}{16})</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>(\frac{9}{16})</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>(\frac{9}{16})</td>
</tr>
</tbody>
</table>

### PART NO. 300

**1/4 Bend**

(Sanitary 90° Ell)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1¼ (PVC)</td>
<td>(\frac{1}{16})</td>
</tr>
<tr>
<td>1½</td>
<td>1¾</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>(\frac{2}{16})</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>2¼</td>
</tr>
<tr>
<td>3</td>
<td>(\frac{3}{16})</td>
</tr>
<tr>
<td>4</td>
<td>(\frac{3}{8})</td>
</tr>
<tr>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>6</td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>(9\frac{9}{32})</td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>11</td>
</tr>
<tr>
<td>14(^{(F)}) (PVC)</td>
<td>16(\frac{3}{4})</td>
</tr>
<tr>
<td>16(^{(F)}) (PVC)</td>
<td>20(\frac{1}{16})</td>
</tr>
</tbody>
</table>

\(^{(C1)}\) Inserts into pipe  
\(^{(C2)}\) Inserts over pipe  
\(^{(F)}\) Fabricated  

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. PVC 300A

**Short 1/4 Bend**

*(90° EII)*

<table>
<thead>
<tr>
<th>SIZE</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>8(^{(N)}) (PVC)</td>
<td>4 1/2</td>
</tr>
<tr>
<td>10(^{(N)}) (PVC)</td>
<td>6 1/4</td>
</tr>
<tr>
<td>12(^{(N)}) (PVC)</td>
<td>7 1/16</td>
</tr>
</tbody>
</table>

### PART NO. 300R

**1/4 Bend, Reducing**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 1 1/2</td>
<td>2 7/16</td>
<td>2 5/16</td>
<td></td>
</tr>
</tbody>
</table>

### PART NO. 300S

**1/4 Bend with Side Inlet**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 1 1/2 (PVC)</td>
<td>3 5/64</td>
<td>1 1/4</td>
<td>15/16</td>
</tr>
<tr>
<td>3 x 3 x 2</td>
<td>3 5/64</td>
<td>1 1/4</td>
<td>15/16</td>
</tr>
</tbody>
</table>

\(^{(N)}\) Not a sanitary pattern

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. PVC 301

Vent 1/4 Bend, Street

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>8(F)</td>
<td>4½</td>
<td>13½</td>
</tr>
<tr>
<td>10(F)</td>
<td>6⅛</td>
<td>18¾</td>
</tr>
<tr>
<td>12(F)</td>
<td>7⅛₁₆</td>
<td>18¹³₁₆</td>
</tr>
</tbody>
</table>

### PART NO. 302

1/4 Bend, Street

(Sanitary 90° Street Ell)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1¼</td>
<td>1⅛₆</td>
<td>2⁵₁₆</td>
</tr>
<tr>
<td>1½</td>
<td>1¾</td>
<td>2⅚</td>
</tr>
<tr>
<td>2</td>
<td>2⁵₁₆</td>
<td>3⅓₁₆</td>
</tr>
<tr>
<td>3</td>
<td>3⅓₁₆</td>
<td>4⅓₁₆</td>
</tr>
<tr>
<td>4</td>
<td>3⅓₈</td>
<td>5⅜</td>
</tr>
<tr>
<td>6(F)</td>
<td>5⅔₁₆</td>
<td>8⅛</td>
</tr>
<tr>
<td>8(F)</td>
<td>6⅓₈</td>
<td>10</td>
</tr>
<tr>
<td>10(F)</td>
<td>14⅓₁₆</td>
<td>19⅓₄</td>
</tr>
<tr>
<td>12(F)</td>
<td>16⅜</td>
<td>19</td>
</tr>
<tr>
<td>14(F)</td>
<td>16¼</td>
<td>23⅙₁₆</td>
</tr>
<tr>
<td>16(F)</td>
<td>19⅚</td>
<td>23⅚₁₆</td>
</tr>
</tbody>
</table>

(F) Fabricated

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
**PART NO. 303**

1/4 Bend, with Low Heel Inlet

|| A | B |
---|---|---|
3 x 3 x 1½ (PVC) | 3\(\frac{1}{16}\) | 4\(\frac{1}{16}\) |
3 x 3 x 1½ (ABS) | 3\(\frac{1}{16}\) | 4\(\frac{1}{4}\) |
3 x 3 x 2 | 3\(\frac{1}{16}\) | 4\(\frac{7}{16}\) |
4 x 4 x 2 | 3\(\frac{7}{16}\) | 5\(\frac{7}{16}\) |

**PART NO. 304**

Long Sweep 1/4 Bend

| SIZE | A |
---|---|
1½ | 2\(\frac{3}{4}\) |
2 | 3\(\frac{1}{4}\) |
3 (PVC) | 4\(\frac{1}{16}\) |
3 (ABS) | 4 |
4 | 4\(\frac{3}{16}\) |
6 (PVC) | 9 |

**PART NO. PVC 305**

Long Sweep 1/4 Bend with High Heel Inlet

| SIZE | A | B | C |
---|---|---|---|
3 x 3 x 2 (PVC) | 4\(\frac{1}{16}\) | 5\% | 2\(\frac{1}{4}\) |

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. 307
Long Sweep 1/4 Bend with Low Heel Inlet
ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 1 1/2 (ABS)</td>
<td>4</td>
<td>4 1/32</td>
</tr>
<tr>
<td>3 x 3 x 2 (PVC)</td>
<td>4 1/16</td>
<td>4 15/16</td>
</tr>
<tr>
<td>3 x 3 x 2 (ABS)</td>
<td>3 15/16</td>
<td>4 1/16</td>
</tr>
</tbody>
</table>

PART NO. 309
Long Sweep 1/4 Bend, Street
HUB X SPIGOT

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2 (PVC)</td>
<td>2 3/4</td>
<td>3 19/32</td>
</tr>
<tr>
<td>1 1/2 (ABS)</td>
<td>2 25/32</td>
<td>3 15/32</td>
</tr>
<tr>
<td>2</td>
<td>3 1/4</td>
<td>4 1/8</td>
</tr>
<tr>
<td>3</td>
<td>4 3/32</td>
<td>5 1/16</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>4 15/16</td>
<td>6 1/16</td>
</tr>
</tbody>
</table>

PART NO. 310
1/4 Bend, Street with Low Heel Inlet
HUB X SPIGOT X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 2</td>
<td>3 1/16</td>
<td>5 15/16</td>
<td>4 1/16</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
**PART NO. PVC 311**

Long Sweep 1/4 Bend, with Side Inlet

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 2 (PVC)</td>
<td>4(\frac{1}{16})</td>
<td>1(\frac{3}{16})</td>
<td>1(\frac{3}{4})</td>
</tr>
</tbody>
</table>

**PART NO. 319**

1/6 Bend (60° Ell) HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1(\frac{1}{2})</td>
<td>1</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>1(\frac{3}{16})</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>1(\frac{1}{4})</td>
</tr>
<tr>
<td>3</td>
<td>1(\frac{11}{16})</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>2(\frac{1}{16})</td>
</tr>
<tr>
<td>4 (ABS)</td>
<td>2</td>
</tr>
</tbody>
</table>

**PART NO. 320**

1/6 Bend, Street (60° Street Ell) HUB X SPIGOT

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1(\frac{1}{2})</td>
<td>1</td>
<td>1(\frac{3}{4})</td>
</tr>
<tr>
<td>2</td>
<td>1(\frac{3}{16})</td>
<td>2(\frac{3}{16})</td>
</tr>
<tr>
<td>3</td>
<td>1(\frac{11}{16})</td>
<td>3(\frac{3}{16})</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>2(\frac{1}{16})</td>
<td>3(\frac{13}{16})</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 321

#### 1/8 Bend

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/4 (PVC)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>1 1/2</td>
<td>1 1/8</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1 1/2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1 3/4</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>2 7/16</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>2 1/16</td>
<td></td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>2 1/16</td>
<td></td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>3 1/8</td>
<td></td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>3 31/64</td>
<td></td>
</tr>
<tr>
<td>14 (PVC)</td>
<td>8 1/4</td>
<td></td>
</tr>
<tr>
<td>16 (PVC)</td>
<td>10 5/16</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.

### PART NO. 323

#### 1/8 Bend, Street

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/4 (PVC)</td>
<td>1</td>
<td>1 3/4</td>
</tr>
<tr>
<td>1 1/2 (PVC)</td>
<td>1 1/8</td>
<td>1 7/8</td>
</tr>
<tr>
<td>1 1/2 (ABS)</td>
<td>1 1/16</td>
<td>1 7/8</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>1 1/2</td>
<td>2 3/8</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>1 15/32</td>
<td>2 1/8</td>
</tr>
<tr>
<td>3</td>
<td>1 3/4</td>
<td>3 1/4</td>
</tr>
<tr>
<td>4</td>
<td>2 7/16</td>
<td>3 15/16</td>
</tr>
<tr>
<td>6 (PVC)</td>
<td>2 1/16</td>
<td>5 5/64</td>
</tr>
<tr>
<td>6 (ABS)</td>
<td>2 1/16</td>
<td>5</td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>2</td>
<td>6 7/32</td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>3 1/8</td>
<td>8 9/32</td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>3 31/64</td>
<td>9 1/2</td>
</tr>
<tr>
<td>14 (PVC)</td>
<td>9 3/8</td>
<td>15 9/16</td>
</tr>
<tr>
<td>16 (PVC)</td>
<td>10 5/16</td>
<td>18 1/2</td>
</tr>
</tbody>
</table>

**(F)** Fabricated

**Note:** If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 324

**1/16 Bend**

- **(22½° Ell)**
- **HUB X HUB**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ½</td>
<td>½</td>
<td></td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>11 ½₁₆</td>
<td></td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>½</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>13 ½₁₆</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>1 ½</td>
<td></td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>1 ½</td>
<td></td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>14⁽²⁾(PVC)</td>
<td>5 ½</td>
<td></td>
</tr>
<tr>
<td>16⁽²⁾(PVC)</td>
<td>5 ³/₄</td>
<td></td>
</tr>
</tbody>
</table>

### PART NO. 326

**1/16 Bend, Street**

- **(22½° Street Ell)**
- **SPIGOT X HUB**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ½</td>
<td>½</td>
<td>1 ¼</td>
</tr>
<tr>
<td>2</td>
<td>11 ½₁₆</td>
<td>1 ½</td>
</tr>
<tr>
<td>3</td>
<td>13 ½₁₆</td>
<td>2 ½₁₆</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>2 ¾</td>
</tr>
<tr>
<td>6 (PVC)</td>
<td>1 ½</td>
<td>5 ¾₆₄</td>
</tr>
<tr>
<td>8⁽²⁾(PVC)</td>
<td>6 ½</td>
<td>10 ½₁₆</td>
</tr>
<tr>
<td>10⁽²⁾(PVC)</td>
<td>5 ½₁₆</td>
<td>11 ¾</td>
</tr>
<tr>
<td>12⁽²⁾(PVC)</td>
<td>5 ½</td>
<td>14 ½₁₆</td>
</tr>
<tr>
<td>14⁽²⁾(PVC)</td>
<td>6 ¾₁₆</td>
<td>13 ¾</td>
</tr>
<tr>
<td>16⁽²⁾(PVC)</td>
<td>8 ½₁₆</td>
<td>16 ¾</td>
</tr>
</tbody>
</table>

⁽²⁾ Fabricated

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
# PVC and ABS DWV Fittings

## PART NO. 327

**Double 1/4 Bend**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>1 3/4</td>
<td>1 3/4</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>2 5/16</td>
<td>2 5/16</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>2 1/4</td>
<td>2 5/16</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>3 1/8</td>
<td>3 1/8</td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>2 x 1 1/2 x 1 1/2 (PVC)</td>
<td>1 15/16</td>
<td>2 3/16</td>
</tr>
<tr>
<td>2 x 1 1/2 x 1 1/2 (ABS)</td>
<td>1 29/32</td>
<td>2</td>
</tr>
</tbody>
</table>

## PART NO. PVC 328

**1/32 Bend**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 (F) (PVC)</td>
<td>5 1/8</td>
</tr>
<tr>
<td>10 (F) (PVC)</td>
<td>5 7/8</td>
</tr>
<tr>
<td>12 (F) (PVC)</td>
<td>5 11/16</td>
</tr>
</tbody>
</table>

<F> Fabricated

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### Part No. 329

**Closet Bend, Reducing**  
**HUB x HUB**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 4 (PVC)</td>
<td>3</td>
<td>3(\frac{3}{8})</td>
</tr>
<tr>
<td>3 x 4 (ABS)</td>
<td>3(\frac{3}{32})</td>
<td>3(\frac{7}{16})</td>
</tr>
</tbody>
</table>

### Part No. 330

**Closet Bend, Reducing**  
**HUB x SPIGOT**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 4</td>
<td>5</td>
<td>3(\frac{11}{32})</td>
</tr>
</tbody>
</table>

### Part No. 330X

**Closet Bend, Reducing**  
**with Test Cap**  
**HUB x SPIGOT**

<table>
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</thead>
<tbody>
<tr>
<td>3 x 4</td>
<td>5</td>
<td>3(\frac{11}{32})</td>
</tr>
</tbody>
</table>

### Part No. 331

**Vent Ell**  
**[90° Short Turn Ell]**  
**HUB x HUB**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1(\frac{1}{2})</td>
<td>1(\frac{3}{16})</td>
</tr>
<tr>
<td>2</td>
<td>1(\frac{1}{2})</td>
</tr>
<tr>
<td>3</td>
<td>1(\frac{7}{8})</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
**PART NO. 333**

Vent Ell, Street

(90° Short Turn Street Ell)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2 (PVC)</td>
<td>1 7/32</td>
<td>1 15/16</td>
</tr>
<tr>
<td>1 1/2 (ABS)</td>
<td>1 3/16</td>
<td>1 15/16</td>
</tr>
<tr>
<td>2</td>
<td>1 1/2</td>
<td>2 3/8</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>1 3/8</td>
<td>3 1/2</td>
</tr>
</tbody>
</table>

**PART NO. 400**

Sanitary Tee

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/4 (PVC)</td>
<td>1 1/16</td>
<td>2 5/16</td>
</tr>
<tr>
<td>1 1/2 (PVC)</td>
<td>1 1/4</td>
<td>2 3/4</td>
</tr>
<tr>
<td>1 1/2 (ABS)</td>
<td>1 23/32</td>
<td>2 13/32</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>2 5/16</td>
<td>3 1/16</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>2 5/16</td>
<td>3 1/16</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>3 1/8</td>
<td>4 3/8</td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>3 1/32</td>
<td>4 1/16</td>
</tr>
<tr>
<td>4</td>
<td>3 7/8</td>
<td>6 3/8</td>
</tr>
<tr>
<td>6</td>
<td>5</td>
<td>8 1/2</td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>6</td>
<td>10 1/2</td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>16 13/32</td>
<td>16 1/2</td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>19 1/8</td>
<td>19 1/2</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
## PART NO. PVC 400A

### Straight Tee [N]

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>8(^{(N)}) (PVC)</td>
<td>9</td>
<td>4(\frac{1}{2})</td>
<td>4(\frac{1}{2})</td>
<td>4(\frac{1}{2})</td>
</tr>
<tr>
<td>10(^{(N)}) (PVC)</td>
<td>12(\frac{1}{2})</td>
<td>6(\frac{1}{4})</td>
<td>6(\frac{1}{4})</td>
<td>6(\frac{5}{16})</td>
</tr>
<tr>
<td>12(^{(N)}) (PVC)</td>
<td>14(\frac{7}{16})</td>
<td>7(\frac{7}{32})</td>
<td>7(\frac{7}{32})</td>
<td>7(\frac{1}{4})</td>
</tr>
<tr>
<td>14(^{(N,F)}) (PVC)</td>
<td>21</td>
<td>10(\frac{1}{2})</td>
<td>10(\frac{1}{2})</td>
<td>11%</td>
</tr>
<tr>
<td>16(^{(N,F)}) (PVC)</td>
<td>23(\frac{3}{8})</td>
<td>11(\frac{15}{16})</td>
<td>11(\frac{15}{16})</td>
<td>14(\frac{3}{16})</td>
</tr>
</tbody>
</table>

### PART NO. 401

### Sanitary Tee, Reducing

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 1(\frac{1}{2}) x 1(\frac{1}{2}) (PVC)</td>
<td>2(\frac{3}{16})</td>
<td>3(\frac{7}{16})</td>
<td>1(\frac{15}{16})</td>
</tr>
<tr>
<td>2 x 1(\frac{1}{2}) x 1(\frac{1}{2}) (ABS)</td>
<td>2(\frac{5}{32})</td>
<td>3(\frac{1}{16})</td>
<td>1(\frac{29}{32})</td>
</tr>
<tr>
<td>2 x 1(\frac{1}{2}) x 2 (PVC)</td>
<td>2(\frac{5}{16})</td>
<td>3(\frac{11}{16})</td>
<td>2(\frac{5}{16})</td>
</tr>
<tr>
<td>2 x 1(\frac{1}{2}) x 2 (ABS)</td>
<td>2(\frac{9}{32})</td>
<td>3(\frac{19}{32})</td>
<td>2(\frac{1}{4})</td>
</tr>
<tr>
<td>2 x 2 x 1(\frac{1}{2})</td>
<td>2(\frac{3}{16})</td>
<td>3(\frac{7}{8})</td>
<td>1(\frac{15}{16})</td>
</tr>
<tr>
<td>3 x 3 x 1(\frac{1}{2}) (PVC)</td>
<td>2(\frac{9}{16})</td>
<td>2(\frac{11}{16})</td>
<td>1(\frac{3}{4})</td>
</tr>
<tr>
<td>3 x 3 x 1(\frac{1}{2}) (ABS)</td>
<td>2(\frac{1}{2})</td>
<td>2(\frac{5}{8})</td>
<td>1(\frac{23}{32})</td>
</tr>
<tr>
<td>3 x 3 x 2 (PVC)</td>
<td>2(\frac{7}{8})</td>
<td>3(\frac{5}{16})</td>
<td>2(\frac{1}{8})</td>
</tr>
<tr>
<td>3 x 3 x 2 (ABS)</td>
<td>2(\frac{7}{8})</td>
<td>3(\frac{7}{16})</td>
<td>2(\frac{1}{32})</td>
</tr>
<tr>
<td>4 x 4 x 1(\frac{1}{2}) (PVC)</td>
<td>3(\frac{1}{4})</td>
<td>3(\frac{1}{16})</td>
<td>2</td>
</tr>
<tr>
<td>4 x 4 x 2</td>
<td>3(\frac{5}{16})</td>
<td>3(\frac{3}{16})</td>
<td>2(\frac{1}{4})</td>
</tr>
<tr>
<td>4 x 4 x 3 (PVC)</td>
<td>3(\frac{9}{16})</td>
<td>4(\frac{7}{8})</td>
<td>3</td>
</tr>
<tr>
<td>4 x 4 x 3 (ABS)</td>
<td>3(\frac{17}{32})</td>
<td>4(\frac{21}{32})</td>
<td>2(\frac{31}{42})</td>
</tr>
<tr>
<td>6 x 6 x 4 (PVC)</td>
<td>4(\frac{27}{32})</td>
<td>6(\frac{5}{64})</td>
<td>3(\frac{25}{32})</td>
</tr>
<tr>
<td>6 x 6 x 4 (ABS)</td>
<td>4(\frac{9}{32})</td>
<td>5(\frac{25}{32})</td>
<td>3(\frac{19}{32})</td>
</tr>
<tr>
<td>8 x 8 x 4** (PVC)</td>
<td>9(\frac{1}{8})</td>
<td>10(\frac{7}{16})</td>
<td>6</td>
</tr>
<tr>
<td>8 x 8 x 6** (PVC)</td>
<td>7(\frac{3}{4})</td>
<td>10(\frac{3}{64})</td>
<td>6(\frac{6}{64})</td>
</tr>
</tbody>
</table>

\(F\) Fabricated

\(N\) Not a sanitary pattern

** Assembled from two molded components

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
**PART NO. PVC 401A**

Straight Tee, Reducing^{(N)}

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 x 8 x 4^{(N)**} (PVC)</td>
<td>7(\frac{7}{8})</td>
<td>10(\frac{1}{2})</td>
<td>5(\frac{1}{4})</td>
</tr>
<tr>
<td>8 x 8 x 6^{(N)**} (PVC)</td>
<td>6(\frac{7}{8})</td>
<td>10(\frac{1}{2})</td>
<td>5(\frac{1}{4})</td>
</tr>
<tr>
<td>10 x 10 x 4^{(N)**} (PVC)</td>
<td>9(\frac{1}{4})</td>
<td>10(\frac{3}{4})</td>
<td>5(\frac{1}{16})</td>
</tr>
<tr>
<td>10 x 10 x 6^{(N)**} (PVC)</td>
<td>8(\frac{1}{4})</td>
<td>10(\frac{3}{4})</td>
<td>5(\frac{1}{16})</td>
</tr>
<tr>
<td>10 x 10 x 8^{(N)} (PVC)</td>
<td>6(\frac{1}{32})</td>
<td>10(\frac{3}{4})</td>
<td>5(\frac{1}{16})</td>
</tr>
<tr>
<td>12 x 12 x 4^{(N)**} (PVC)</td>
<td>9(\frac{27}{32})</td>
<td>10(\frac{3}{4})</td>
<td>5(\frac{1}{8})</td>
</tr>
<tr>
<td>12 x 12 x 6^{(N)**} (PVC)</td>
<td>8(\frac{29}{32})</td>
<td>10(\frac{3}{4})</td>
<td>5(\frac{1}{8})</td>
</tr>
<tr>
<td>12 x 12 x 8^{(N)} (PVC)</td>
<td>7(\frac{1}{32})</td>
<td>10(\frac{3}{4})</td>
<td>5(\frac{1}{8})</td>
</tr>
<tr>
<td>12 x 12 x 10^{(N)} (PVC)</td>
<td>7(\frac{3}{16})</td>
<td>12(\frac{7}{16})</td>
<td>6(\frac{7}{32})</td>
</tr>
<tr>
<td>14 x 14 x 4^{(N)}(F) (PVC)</td>
<td>10(\frac{1}{16})</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>14 x 14 x 6^{(N)}(F) (PVC)</td>
<td>11(\frac{1}{4})</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>14 x 14 x 8^{(N)}(F) (PVC)</td>
<td>11(\frac{5}{8})</td>
<td>15</td>
<td>7(\frac{1}{2})</td>
</tr>
<tr>
<td>14 x 14 x 10^{(N)}(F) (PVC)</td>
<td>12</td>
<td>17</td>
<td>8(\frac{1}{2})</td>
</tr>
<tr>
<td>14 x 14 x 12^{(N)}(F) (PVC)</td>
<td>12(\frac{3}{8})</td>
<td>19</td>
<td>9(\frac{1}{2})</td>
</tr>
<tr>
<td>16 x 16 x 4^{(N)}(F) (PVC)</td>
<td>12(\frac{15}{16})</td>
<td>10(\frac{3}{8})</td>
<td>5(\frac{1}{16})</td>
</tr>
<tr>
<td>16 x 16 x 6^{(N)}(F) (PVC)</td>
<td>12(\frac{1}{4})</td>
<td>14</td>
<td>7</td>
</tr>
<tr>
<td>16 x 16 x 8^{(N)}(F) (PVC)</td>
<td>12(\frac{5}{8})</td>
<td>16</td>
<td>8</td>
</tr>
<tr>
<td>16 x 16 x 10^{(N)}(F) (PVC)</td>
<td>13</td>
<td>18</td>
<td>9</td>
</tr>
<tr>
<td>16 x 16 x 12^{(N)}(F) (PVC)</td>
<td>13(\frac{1}{16})</td>
<td>19(\frac{3}{4})</td>
<td>9(\frac{7}{8})</td>
</tr>
</tbody>
</table>

(F) Fabricated
(N) Not a sanitary pattern
** Assembled from two molded components
*** Assembled from three molded components

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 403

**Sanitary Tee, Street**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (PVC)</td>
<td>1½</td>
<td>3½</td>
<td>2½</td>
</tr>
<tr>
<td>1½ (ABS)</td>
<td>1²⁷⁄₃₂</td>
<td>3¹³⁄₃₂</td>
<td>2¹⁵⁄₃₂</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>2⁷⁄₈</td>
<td>4⁹⁄₁₆</td>
<td>3⁴⁄₃₂</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>2⁵⁄₁₆</td>
<td>4¹⁵⁄₃₂</td>
<td>3¹⁄₈</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>6⁹⁄₁₆</td>
<td>4⁹⁄₁₆</td>
</tr>
<tr>
<td>4</td>
<td>3⁷⁄₈</td>
<td>7⁷⁄₈</td>
<td>5⁵⁄₈</td>
</tr>
</tbody>
</table>

### PART NO. 404

**Sanitary Tee, Street Reducing**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 1½ x 1½ (PVC)</td>
<td>2⁷⁄₈</td>
<td>4</td>
<td>2⁷⁷⁄₃₂</td>
</tr>
<tr>
<td>2 x 1½ x 1½ (ABS)</td>
<td>2⁵⁄₈</td>
<td>4</td>
<td>2³⁄₄</td>
</tr>
<tr>
<td>2 x 1½ x 2 (ABS)</td>
<td>2⁵⁄₁₆</td>
<td>4¹⁷⁄₃₂</td>
<td>3¹⁄₈</td>
</tr>
<tr>
<td>2 x 2 x 1½ (PVC)</td>
<td>2⁷⁄₈</td>
<td>4</td>
<td>2⁷⁄₈</td>
</tr>
<tr>
<td>2 x 2 x 1½ (ABS)</td>
<td>2⁵⁄₈</td>
<td>3¹⁵⁄₁₆</td>
<td>2⁷⁄₈</td>
</tr>
<tr>
<td>3 x 3 x 1½</td>
<td>2⁹⁄₁₆</td>
<td>4⁹⁄₁₆</td>
<td>3¹⁄₄</td>
</tr>
<tr>
<td>3 x 3 x 2</td>
<td>2⁷⁄₈</td>
<td>4⁴⁄₈</td>
<td>3⁹⁄₈</td>
</tr>
<tr>
<td>4 x 4 x 2 (PVC)</td>
<td>3⁵⁄₁₆</td>
<td>4¹⁵⁄₁₆</td>
<td>3¹³⁄₁₆</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. PVC 410

**Tee Cross**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 x 6 x 4 x 4 (PVC)</td>
<td>5½</td>
<td>9½</td>
<td>4½</td>
</tr>
<tr>
<td>6 x 6 x 6 x 6 (PVC)</td>
<td>6½</td>
<td>10¾</td>
<td>5½</td>
</tr>
<tr>
<td>8 x 8 x 4 x 4 (PVC)</td>
<td>6½</td>
<td>8½</td>
<td>4½</td>
</tr>
<tr>
<td>8 x 8 x 6 x 6 (PVC)</td>
<td>7½</td>
<td>10½</td>
<td>5½</td>
</tr>
<tr>
<td>8 x 8 x 8 x 8 (PVC)</td>
<td>8½</td>
<td>13½</td>
<td>6½</td>
</tr>
<tr>
<td>10 x 10 x 4 x 4 (PVC)</td>
<td>7¾</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>10 x 10 x 6 x 6 (PVC)</td>
<td>8½</td>
<td>11½</td>
<td>5¾</td>
</tr>
<tr>
<td>10 x 10 x 8 x 8 (PVC)</td>
<td>8½</td>
<td>13½</td>
<td>6¾</td>
</tr>
<tr>
<td>10 x 10 x 10 x 10 (PVC)</td>
<td>8</td>
<td>18½</td>
<td>9½</td>
</tr>
<tr>
<td>12 x 12 x 4 x 4 (PVC)</td>
<td>8½</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>12 x 12 x 6 x 6 (PVC)</td>
<td>9¾</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>12 x 12 x 8 x 8 (PVC)</td>
<td>9½</td>
<td>15¼</td>
<td>7½</td>
</tr>
<tr>
<td>12 x 12 x 10 x 10 (PVC)</td>
<td>10½</td>
<td>16</td>
<td>8</td>
</tr>
<tr>
<td>12 x 12 x 12 x 12 (PVC)</td>
<td>9½</td>
<td>21</td>
<td>10½</td>
</tr>
</tbody>
</table>

PART NO. 416

**Sanitary Tee with Left Side Inlet**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 1½</td>
<td>3½</td>
<td>4½</td>
<td>3½</td>
</tr>
<tr>
<td>3 x 3 x 3 x 2 (PVC)</td>
<td>3½</td>
<td>4½</td>
<td>3½</td>
</tr>
<tr>
<td>3 x 3 x 3 x 2 (ABS)</td>
<td>3½</td>
<td>4½</td>
<td>3½</td>
</tr>
<tr>
<td>4 x 4 x 4 x 2 (PVC)</td>
<td>3½</td>
<td>6½</td>
<td>5</td>
</tr>
</tbody>
</table>

(®) Fabricated

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. 417

Sanitary Tee with Right Side Inlet

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 1½</td>
<td>3½₁₆</td>
<td>4⁄₆</td>
<td>3¹₁₁₆</td>
</tr>
<tr>
<td>3 x 3 x 3 x 2 (PVC)</td>
<td>3½₁₆</td>
<td>4⁄₆</td>
<td>3¹₁₁₆</td>
</tr>
<tr>
<td>3 x 3 x 3 x 2 (ABS)</td>
<td>3½₁₂</td>
<td>4²7⁄₃₂</td>
<td>3⁄₉</td>
</tr>
<tr>
<td>4 x 4 x 4 x 2 (PVC)</td>
<td>3¾₈</td>
<td>6⁶⁄₈</td>
<td>5</td>
</tr>
</tbody>
</table>

PART NO. 418

Sanitary Tee with Left & Right Side Inlets

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 2 x 2</td>
<td>3½₁₆</td>
<td>4⁄₆</td>
<td>3¹₁₁₆</td>
</tr>
<tr>
<td>4 x 4 x 4 x 2 x 2 (PVC)</td>
<td>3¾₈</td>
<td>6⁶⁄₈</td>
<td>5</td>
</tr>
</tbody>
</table>

PART NO. 428

Double Sanitary Tee (Sanitary Cross)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (PVC)</td>
<td>1¹₄</td>
<td>2¾</td>
</tr>
<tr>
<td>1½ (ABS)</td>
<td>1²³⁄₃₂</td>
<td>2⁵⁄₈</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>2²⁄₁₆</td>
<td>3¹₁₁₆</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>2⁵⁄₁₆</td>
<td>3¹₁₆</td>
</tr>
<tr>
<td>3</td>
<td>3½₁₆</td>
<td>4⁄₆</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>3⁷⁄₈</td>
<td>6⁶⁄₈</td>
</tr>
<tr>
<td>4 (ABS)</td>
<td>3²⁷⁄₃₂</td>
<td>6¹⁄₃₂</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. 429

Double Sanitary Tee, Reducing
(Sanitary Cross)
ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 2 x 1½ x 1½ (PVC)</td>
<td>2¾₁₆</td>
<td>3½₁₆</td>
<td>1²⁵₁₆</td>
</tr>
<tr>
<td>2 x 2 x 1½ x 1½ (ABS)</td>
<td>2⁵⁄₃₂</td>
<td>3¾₂</td>
<td>2</td>
</tr>
<tr>
<td>3 x 3 x 1½ x 1½ (PVC)</td>
<td>2½₁₆</td>
<td>2¹¹₁₆</td>
<td>1¾</td>
</tr>
<tr>
<td>3 x 3 x 1½ x 1½ (ABS)</td>
<td>2¹½₂</td>
<td>2¹⁹₃₂</td>
<td>1⅝</td>
</tr>
<tr>
<td>3 x 3 x 2 x 2 (PVC)</td>
<td>2⁷₆</td>
<td>3¾₁₆</td>
<td>2½</td>
</tr>
<tr>
<td>3 x 3 x 2 x 2 (ABS)</td>
<td>2²⁹₃₂</td>
<td>3¾₂</td>
<td>2⁵₃₂</td>
</tr>
<tr>
<td>4 x 4 x 2 x 2 (PVC)</td>
<td>3⁹₁₆</td>
<td>3¾₁₆</td>
<td>2¹¹₁₆</td>
</tr>
<tr>
<td>4 x 4 x 2 x 2 (ABS)</td>
<td>3¾₂</td>
<td>3⅛</td>
<td>2</td>
</tr>
<tr>
<td>4 x 4 x 3 x 3 (PVC)</td>
<td>3⁹₁₆</td>
<td>4³₄</td>
<td>3</td>
</tr>
<tr>
<td>4 x 4 x 3 x 3 (ABS)</td>
<td>3¾₆</td>
<td>4²¹₃₂</td>
<td>2²¹₃₂</td>
</tr>
</tbody>
</table>

PART NO. PVC 431

Double Sanitary Tee
Street, Reducing
(Sanitary Cross)
SPIGOT X HUB X HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 1½ x 1½ (PVC)</td>
<td>2⁹₁₆</td>
<td>4³¹₆</td>
<td>3¹⁄₄</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. PVC 438

Double Sanitary Tee with Side Inlet
(Sanitary Cross)
ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 3 x 2 (PVC)</td>
<td>3(\frac{1}{16})</td>
<td>4(\frac{7}{8})</td>
<td>3(1\frac{1}{16})</td>
</tr>
<tr>
<td>4 x 4 x 4 x 4 x 2 (PVC)</td>
<td>3(\frac{7}{8})</td>
<td>6(\frac{1}{8})</td>
<td>5</td>
</tr>
</tbody>
</table>

PART NO. PVC 439

Double Sanitary Tee with Left & Right Side Inlets
(Sanitary Cross)
ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 2 x 2 (PVC)</td>
<td>3(\frac{1}{16})</td>
<td>4(\frac{7}{8})</td>
<td>3(1\frac{1}{16})</td>
</tr>
<tr>
<td>4 x 4 x 4 x 2 x 2 (PVC)</td>
<td>3(\frac{7}{8})</td>
<td>6(\frac{1}{8})</td>
<td>5</td>
</tr>
</tbody>
</table>

PART NO. 441

Vent Tee
ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1(\frac{1}{2}) (PVC)</td>
<td>1(\frac{3}{16})</td>
<td>2(\frac{3}{8})</td>
</tr>
<tr>
<td>1(\frac{1}{2}) (ABS)</td>
<td>1(\frac{7}{32})</td>
<td>2(1\frac{3}{32})</td>
</tr>
<tr>
<td>2</td>
<td>1(\frac{1}{2})</td>
<td>3</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>1(\frac{7}{8})</td>
<td>3(\frac{3}{4})</td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>1(\frac{15}{16})</td>
<td>3(\frac{3}{4})</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>2(\frac{1}{2})</td>
<td>5</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. 444X

Cleanout Tee with Cleanout Plug

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>1 15/16</td>
<td>2 3/8</td>
<td>1 13/16</td>
</tr>
<tr>
<td>2</td>
<td>2 1/4</td>
<td>3</td>
<td>1 1/2</td>
</tr>
<tr>
<td>3</td>
<td>2 11/16</td>
<td>3 7/8</td>
<td>1 15/16</td>
</tr>
<tr>
<td>4</td>
<td>3 3/8</td>
<td>5 3/8</td>
<td>2 9/16</td>
</tr>
<tr>
<td>6 (PVC)</td>
<td>4</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>6 x 6 x 4** (PVC)</td>
<td>8</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>5 1/4</td>
<td>10 1/2</td>
<td>5 3/82</td>
</tr>
<tr>
<td>8 x 8 x 4*** (PVC)</td>
<td>7 3/4</td>
<td>9 3/4</td>
<td>4 3/8</td>
</tr>
<tr>
<td>8 x 8 x 4*** (PVC)</td>
<td>10 1/2</td>
<td>10 1/2</td>
<td>5 1/4</td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>12 3/4</td>
<td>12 1/2</td>
<td>6 1/4</td>
</tr>
<tr>
<td>10 x 10 x 4*** (PVC)</td>
<td>8 3/8</td>
<td>9 3/4</td>
<td>4 3/8</td>
</tr>
<tr>
<td>10 x 10 x 4*** (PVC)</td>
<td>10 3/8</td>
<td>11 3/4</td>
<td>5 3/8</td>
</tr>
<tr>
<td>10 x 10 x 8 (PVC)</td>
<td>10 3/8</td>
<td>10 3/8</td>
<td>5 3/16</td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>13 3/8</td>
<td>14 1/2</td>
<td>7 1/4</td>
</tr>
<tr>
<td>12 x 12 x 4*** (PVC)</td>
<td>9 11/16</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>12 x 12 x 6** (PVC)</td>
<td>9 5/8</td>
<td>12 3/8</td>
<td>6 1/16</td>
</tr>
<tr>
<td>12 x 12 x 8 (PVC)</td>
<td>11 3/2</td>
<td>10 1/4</td>
<td>6 3/2</td>
</tr>
<tr>
<td>12 x 12 x 10*** (PVC)</td>
<td>13 1/16</td>
<td>12 1/2</td>
<td>6 1/4</td>
</tr>
</tbody>
</table>

(F) Fabricated
** Assembled from two molded components
*** Assembled from three molded components

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.

See Part No. 106 for plug dimensions.
PART NO. 445

Cleanout Tee
HUB X HUB X FPT

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (PVC)</td>
<td>1½16</td>
<td>2⁹⁄₈</td>
<td>1⁷⁄₁₆</td>
</tr>
<tr>
<td>1½ (ABS)</td>
<td>1³⁵⁄₃₂</td>
<td>2½</td>
<td>1½</td>
</tr>
<tr>
<td>2</td>
<td>2⅛</td>
<td>3</td>
<td>1½</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>2¹⅛₁₆</td>
<td>3⅝</td>
<td>1¹⁵⁄₁₆</td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>2¹⅛₁₆</td>
<td>3¹³₁₆</td>
<td>1¹⁵⁄₁₆</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>3³⁄₈</td>
<td>5⅜</td>
<td>2⁹⁄₁₆</td>
</tr>
<tr>
<td>4 (ABS)</td>
<td>3³⁄₈</td>
<td>5</td>
<td>2½</td>
</tr>
<tr>
<td>6 (PVC)</td>
<td>4</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>5¼</td>
<td>10½</td>
<td>5³⁄₃₂</td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>8½</td>
<td>12½</td>
<td>6⁴⁄₃₂</td>
</tr>
<tr>
<td>10 x 10</td>
<td>10⁵⁄₆</td>
<td>11¾</td>
<td>5⁷⁄₈</td>
</tr>
<tr>
<td></td>
<td>10 x 6½ (PVC)</td>
<td>10⁵⁄₆</td>
<td>11¾</td>
</tr>
</tbody>
</table>

PART NO. PVC 445X

Flush Cleanout Tee with Cleanout Plug
For dimensions see Part Numbers 445 and 110.

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. PVC 447

Horizontal Twin Tee

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 1½ x 1½ (PVC)</td>
<td>⅜</td>
<td>1⅛</td>
<td>1⅜₂₀</td>
<td>2⅗₁₆</td>
</tr>
</tbody>
</table>

PART NO. 448

Two-Way Cleanout

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>4⅛₁₆</td>
</tr>
<tr>
<td>4</td>
<td>4⅜₁₆</td>
</tr>
</tbody>
</table>

PART NO. PVC 449

Sanitary Tee with 2” Left Hand
Sanitary Inlet on Center

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 (PVC)</td>
<td>2⅓₁₆</td>
<td>3⅓₁₆</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 500

**Double Fixture Fitting**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 (PVC)</td>
<td>3(\frac{1}{2})</td>
<td>4(\frac{5}{8})</td>
<td>4(\frac{1}{4})</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>3(\frac{1}{2})(\frac{1}{2})</td>
<td>4(\frac{7}{32})</td>
<td>4(\frac{1}{32})</td>
</tr>
<tr>
<td>2 x 1(\frac{1}{2}) x 1(\frac{1}{2}) x 1(\frac{1}{2}) (PVC)</td>
<td>2(\frac{1}{6})</td>
<td>3(\frac{1}{2})</td>
<td>3(\frac{1}{8})</td>
</tr>
<tr>
<td>2 x 1(\frac{1}{2}) x 1(\frac{1}{2}) x 1(\frac{1}{2}) (ABS)</td>
<td>2(\frac{7}{32})</td>
<td>3(\frac{9}{16})</td>
<td>3(\frac{3}{32})</td>
</tr>
<tr>
<td>2 x 2 x 1(\frac{1}{2}) x 1(\frac{1}{2}) (PVC)</td>
<td>2(\frac{1}{6})</td>
<td>3(\frac{1}{2})</td>
<td>3(\frac{1}{8})</td>
</tr>
<tr>
<td>2 x 2 x 1(\frac{1}{2}) x 1(\frac{1}{2}) (ABS)</td>
<td>2(\frac{27}{32})</td>
<td>3(\frac{13}{32})</td>
<td>3(\frac{1}{16})</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>4(\frac{15}{16})</td>
<td>6(\frac{1}{4})</td>
<td>6(\frac{1}{4})</td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>4(\frac{7}{8})</td>
<td>6(\frac{1}{8})</td>
<td>6(\frac{1}{8})</td>
</tr>
<tr>
<td>3 x 2 x 3 x 3 (ABS)</td>
<td>4(\frac{7}{8})</td>
<td>6(\frac{1}{8})</td>
<td>6(\frac{1}{8})</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.

### PART NO. 501

**Combination Wye & 1/8 Bend**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1(\frac{1}{2}) (PVC)</td>
<td>3(\frac{1}{2})(\frac{1}{2})</td>
<td>3(\frac{1}{2})</td>
<td>3(\frac{15}{16})</td>
</tr>
<tr>
<td>1(\frac{1}{2}) (ABS)</td>
<td>3(\frac{3}{8})</td>
<td>3(\frac{1}{2})</td>
<td>3(\frac{3}{16})</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>5(\frac{7}{8})</td>
<td>4(\frac{1}{16})</td>
<td>5(\frac{1}{8})</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>5(\frac{5}{32})</td>
<td>4(\frac{1}{16})</td>
<td>5</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>7(\frac{9}{16})</td>
<td>6(\frac{1}{2})</td>
<td>7(\frac{9}{16})</td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>7(\frac{7}{32})</td>
<td>6(\frac{1}{8})</td>
<td>7(\frac{7}{16})</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>10</td>
<td>8(\frac{1}{2})</td>
<td>10</td>
</tr>
<tr>
<td>4 (ABS)</td>
<td>9(\frac{31}{32})</td>
<td>8(\frac{15}{32})</td>
<td>9(\frac{27}{32})</td>
</tr>
</tbody>
</table>
# PVC and ABS DWV Fittings

## PART NO. 502

**Combination Wye & 1/8 Bend, Reducing**

*(One Piece)*

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 1 1/2 x 1 1/2 (PVC)</td>
<td>4 3/16</td>
<td>3 1/2</td>
<td>3 15/16</td>
</tr>
<tr>
<td>2 x 1 1/2 x 1 1/2 (ABS)</td>
<td>4 1/6</td>
<td>3 17/32</td>
<td>3 3/4</td>
</tr>
<tr>
<td>2 x 2 x 1 1/2 (PVC)</td>
<td>4 3/16</td>
<td>3 1/2</td>
<td>3 15/16</td>
</tr>
<tr>
<td>2 x 2 x 1 1/2 (ABS)</td>
<td>4 1/6</td>
<td>3 1/16</td>
<td>3 9/16</td>
</tr>
<tr>
<td>3 x 3 x 1 1/2</td>
<td>4 3/4</td>
<td>3 1/2</td>
<td>3 15/16</td>
</tr>
<tr>
<td>3 x 3 x 2</td>
<td>5 1/16</td>
<td>4 7/16</td>
<td>5 9/16</td>
</tr>
<tr>
<td>4 x 4 x 2</td>
<td>6 1/8</td>
<td>4 1/2</td>
<td>5 9/16</td>
</tr>
<tr>
<td>4 x 4 x 3 (PVC)</td>
<td>8 1/16</td>
<td>6 1/2</td>
<td>7 9/16</td>
</tr>
<tr>
<td>4 x 4 x 3 (ABS)</td>
<td>7 29/32</td>
<td>6 13/32</td>
<td>7 9/16</td>
</tr>
</tbody>
</table>

## PART NO. PVC 503

**Combination Wye & 1/8 Bend**

*(Two Pieces)*

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; (PVC)</td>
<td>11 15/32</td>
<td>10 1/8</td>
<td>11 9/64</td>
</tr>
<tr>
<td>8&quot; (PVC)</td>
<td>14 19/32</td>
<td>14 1/8</td>
<td>14 23/32</td>
</tr>
<tr>
<td>10&quot; (PVC)</td>
<td>18 1/2</td>
<td>16 1/2</td>
<td>18 3/4</td>
</tr>
<tr>
<td>12&quot; (PVC)</td>
<td>21 1/2</td>
<td>19 1/2</td>
<td>21 1/2</td>
</tr>
<tr>
<td>14&quot; (F) (PVC)</td>
<td>36 7/8</td>
<td>32 1/2</td>
<td>37 9/16</td>
</tr>
<tr>
<td>16&quot; (F) (PVC)</td>
<td>39 1/2</td>
<td>35 1/2</td>
<td>39 13/16</td>
</tr>
</tbody>
</table>

*(F)* Fabricated

∞ Fitting shipped with street bend strapped to fitting.

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
**PART NO. PVC 504**

Combination Wye & 1/8 Bend, Reducing  
(Two Pieces)  
ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 x 6 x 3” (PVC)</td>
<td>8 7/8</td>
<td>7 1/4</td>
<td>8</td>
</tr>
<tr>
<td>6 x 6 x 4” (PVC)</td>
<td>8 13/16</td>
<td>8 1/2</td>
<td>7 3/4</td>
</tr>
<tr>
<td>8 x 8 x 4” (PVC)</td>
<td>11 7/32</td>
<td>10 1/2</td>
<td>10 1/2</td>
</tr>
<tr>
<td>8 x 8 x 6” (PVC)</td>
<td>12 1/2</td>
<td>10 1/2</td>
<td>11 3/16</td>
</tr>
<tr>
<td>10 x 10 x 4” (PVC)</td>
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<td>14 1/4</td>
<td>15 27/64</td>
</tr>
<tr>
<td>10 x 10 x 6” (PVC)</td>
<td>15 3/16</td>
<td>14 1/4</td>
<td>15 3/64</td>
</tr>
<tr>
<td>10 x 10 x 8” (PVC)</td>
<td>15 7/16</td>
<td>14 1/4</td>
<td>14 25/32</td>
</tr>
<tr>
<td>12 x 12 x 4” (PVC)</td>
<td>16 1/4</td>
<td>13 1/2</td>
<td>15 1 1/32</td>
</tr>
<tr>
<td>12 x 12 x 6” (PVC)</td>
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<td>13 1/2</td>
<td>15 3/64</td>
</tr>
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<td>12 x 12 x 8” (PVC)</td>
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<td>13 17/32</td>
<td>14 5/8</td>
</tr>
<tr>
<td>12 x 12 x 10” (PVC)</td>
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<td>17 1/16</td>
<td>18 15/32</td>
</tr>
<tr>
<td>14 x 14 x 4” (PVC)</td>
<td>15 4/64</td>
<td>12 9/32</td>
<td>11 3/16</td>
</tr>
<tr>
<td>14 x 14 x 6” (PVC)</td>
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<td>15 21/32</td>
<td>15 19/64</td>
</tr>
<tr>
<td>14 x 14 x 8” (PVC)</td>
<td>18 21/32</td>
<td>18 1/8</td>
<td>18 1/2</td>
</tr>
<tr>
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<tr>
<td>14 x 14 x 12” (PVC)</td>
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<td>25 1/2</td>
<td>263/8</td>
</tr>
<tr>
<td>16 x 16 x 4” (PVC)</td>
<td>16 1/2</td>
<td>12 9/16</td>
<td>12 7/8</td>
</tr>
<tr>
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<td>18 5/8</td>
<td>15 41/64</td>
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<tr>
<td>16 x 16 x 8” (PVC)</td>
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<td>19 3/16</td>
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<tr>
<td>16 x 16 x 10” (PVC)</td>
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<td>22 15/16</td>
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<tr>
<td>16 x 16 x 12” (PVC)</td>
<td>26 9/16</td>
<td>27 3/16</td>
<td>27 3/16</td>
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<tr>
<td>16 x 16 x 14” (PVC)</td>
<td>37 1/8</td>
<td>27 13/16</td>
<td>33 1/4</td>
</tr>
</tbody>
</table>

*(1)* One piece short pattern  
*(F)* Fabricated  
§ Fitting shipped with any required bushing(s) installed, street bend strapped to fitting; assembled from molded components.  
∞ Fitting shipped with street bend strapped to fitting.  

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PART NO. PVC 507

Double Combination Wye & 1/8 Bend
(Three Pieces or Five Pieces)

<table>
<thead>
<tr>
<th>SIZE</th>
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<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>3 x 3 x 3 x 2 (PVC)</td>
<td>9 1/32</td>
<td>8 1/4</td>
<td>9 5/32</td>
</tr>
<tr>
<td>4 x 4 x 2 x 2 (PVC)</td>
<td>7 5/16</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>4 x 4 x 3 x 3 (PVC)</td>
<td>8 19/64</td>
<td>6 5/64</td>
<td>7 19/32</td>
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<tr>
<td>6 x 6 x 4 x 4 (PVC)</td>
<td>10 7/16</td>
<td>10 1/8</td>
<td>11 1/8</td>
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</table>

PART NO. PVC 515

Combination Wye & 1/8 Bend with Left Side Inlet

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<th>C</th>
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<th>E</th>
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</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 2 (PVC)</td>
<td>6 5/16</td>
<td>7 3/64</td>
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</table>

PART NO. PVC 516

Combination Wye & 1/8 Bend with Right Side Inlet

<table>
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<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 2 (PVC)</td>
<td>6 5/16</td>
<td>7 3/64</td>
<td>5 1/4</td>
<td>3 3/8</td>
<td>1 1/8</td>
</tr>
</tbody>
</table>

§ Fitting shipped with any required bushing(s) installed, street bend strapped to fitting; assembled from molded components.

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
**PART NO. PVC 517**

Combination Wye & 1/8 Bend  
with Left & Right Side Inlets  
ALL HUB

<table>
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<th>E</th>
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<td>3(\frac{3}{16})</td>
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**PART NO. 600**

Wye  
\(45^\circ\) Wye  
ALL HUB

<table>
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<th>C</th>
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<tr>
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<td>1(\frac{1}{8})</td>
<td>2(\frac{7}{8})</td>
</tr>
<tr>
<td>1(\frac{1}{2}) (ABS)</td>
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<td>1(\frac{1}{8})</td>
<td>2(\frac{15}{16})</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>1(\frac{3}{8})</td>
<td>3(\frac{1}{8})</td>
</tr>
<tr>
<td>3</td>
<td>6(\frac{3}{8})</td>
<td>1(\frac{5}{8})</td>
<td>5</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>8(\frac{3}{4})</td>
<td>1(\frac{1}{8})</td>
<td>6(\frac{3}{16})</td>
</tr>
<tr>
<td>4 (ABS)</td>
<td>8(\frac{1}{16})</td>
<td>1(\frac{3}{4})</td>
<td>6(\frac{5}{16})</td>
</tr>
<tr>
<td>6 (PVC)</td>
<td>10(\frac{1}{8})</td>
<td>1(\frac{3}{4})</td>
<td>8(\frac{1}{16})</td>
</tr>
<tr>
<td>6 (ABS)</td>
<td>9(\frac{15}{16})</td>
<td>1(\frac{23}{32})</td>
<td>8(\frac{1}{16})</td>
</tr>
<tr>
<td>8 (PVC)</td>
<td>14(\frac{1}{8})</td>
<td>2(\frac{3}{8})</td>
<td>11(\frac{3}{4})</td>
</tr>
<tr>
<td>10 (PVC)</td>
<td>16(\frac{1}{2})</td>
<td>2(\frac{7}{8})</td>
<td>13(\frac{3}{8})</td>
</tr>
<tr>
<td>12 (PVC)</td>
<td>19(\frac{1}{16})</td>
<td>3(\frac{1}{8})</td>
<td>16</td>
</tr>
<tr>
<td>14(\text{F}) (PVC)</td>
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<td>8</td>
<td>22(\frac{1}{4})</td>
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<td>16(\text{F}) (PVC)</td>
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</tbody>
</table>

\(\text{F}\) Fabricated  
Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PVC and ABS DWV Fittings

**PART NO. 601**

**Wye, Reducing**

(45° Wye)

ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
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<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 1(\frac{1}{2}) x 1(\frac{1}{2}) (PVC)</td>
<td>(3\frac{1}{2})</td>
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<td>2(\frac{15}{16})</td>
</tr>
<tr>
<td>2 x 1(\frac{1}{2}) x 1(\frac{1}{2}) (ABS)</td>
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<td>1(\frac{1}{32})</td>
<td>3(\frac{3}{8})</td>
</tr>
<tr>
<td>2 x 1(\frac{1}{2}) x 2</td>
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<td>1</td>
<td>3(\frac{7}{16})</td>
</tr>
<tr>
<td>2 x 2 x 1(\frac{1}{2}) (PVC)</td>
<td>4(\frac{3}{8})</td>
<td>1(\frac{1}{16})</td>
<td>3(\frac{7}{16})</td>
</tr>
<tr>
<td>2 x 2 x 1(\frac{1}{2}) (ABS)</td>
<td>4(\frac{1}{4})</td>
<td>1(\frac{1}{32})</td>
<td>3(\frac{3}{8})</td>
</tr>
<tr>
<td>3 x 3 x 1(\frac{1}{2}) (PVC)</td>
<td>4(\frac{1}{4})</td>
<td>(\frac{1}{2})</td>
<td>4(\frac{1}{16})</td>
</tr>
<tr>
<td>3 x 3 x 1(\frac{1}{2}) (ABS)</td>
<td>4(\frac{3}{16})</td>
<td>(\frac{1}{2})</td>
<td>4(\frac{1}{32})</td>
</tr>
<tr>
<td>3 x 3 x 2 (PVC)</td>
<td>5</td>
<td>(\frac{7}{8})</td>
<td>4(\frac{7}{8})</td>
</tr>
<tr>
<td>3 x 3 x 2 (ABS)</td>
<td>5</td>
<td>(\frac{13}{16})</td>
<td>4(\frac{21}{32})</td>
</tr>
<tr>
<td>4 x 4 x 1(\frac{1}{2})</td>
<td>5</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>4 x 4 x 2 (PVC)</td>
<td>5(\frac{1}{16})</td>
<td>(\frac{3}{8})</td>
<td>5(\frac{1}{16})</td>
</tr>
<tr>
<td>4 x 4 x 2 (ABS)</td>
<td>5</td>
<td>(\frac{1}{4})</td>
<td>5(\frac{1}{16})</td>
</tr>
<tr>
<td>4 x 4 x 3 (PVC)</td>
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<td>1(\frac{1}{16})</td>
<td>6</td>
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<tr>
<td>4 x 4 x 3 (ABS)</td>
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</tr>
<tr>
<td>6 x 6 x 3 (PVC)</td>
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<td>(\frac{1}{4})</td>
<td>7(\frac{1}{2})</td>
</tr>
<tr>
<td>6 x 6 x 4 (PVC)</td>
<td>6(\frac{8}{16})</td>
<td>(\frac{3}{16})</td>
<td>7(\frac{1}{2})</td>
</tr>
<tr>
<td>6 x 6 x 4 (ABS)</td>
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<td>(\frac{7}{32})</td>
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<tr>
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<tr>
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<td>9(\frac{1}{16})</td>
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<td>15(\frac{1}{16})</td>
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<td>1(\frac{1}{8})</td>
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</tr>
</tbody>
</table>

**Part No. 601 Continued next page**

**Assembled from two molded components.**

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PVC and ABS DWV Fittings

**PART NO. 601, continued**

*Wye, Reducing*

*(45° Wye)*

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
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<td>12 x 12 x 4**(PVC)**</td>
<td>13½</td>
<td>½</td>
<td>1623⁄32</td>
</tr>
<tr>
<td>12 x 12 x 6**(PVC)**</td>
<td>13½</td>
<td>½</td>
<td>1529⁄64</td>
</tr>
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<td>12 x 12 x 8**(PVC)**</td>
<td>131⁄32</td>
<td>½</td>
<td>133⁄8</td>
</tr>
<tr>
<td>12 x 12 x 10**(PVC)**</td>
<td>171⁄16</td>
<td>17⁄8</td>
<td>153⁄2</td>
</tr>
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<td>14 x 14 x 4**(PVC)**</td>
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<td>1523⁄64</td>
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<td>14 x 14 x 6**(PVC)**</td>
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<td>15⁄64</td>
<td>1837⁄64</td>
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<td>14 x 14 x 8**(PVC)**</td>
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<td>16 x 16 x 8**(PVC)**</td>
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<td>16 x 16 x 10**(PVC)**</td>
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<td>3½</td>
<td>193⁄8</td>
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<td>16 x 16 x 12**(PVC)**</td>
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<td>16 x 16 x 14**(PVC)**</td>
<td>271⁄2</td>
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**PART NO. 602**

*Wye, Street*

*(45° Wye)*

<table>
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<th>SIZE</th>
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<td>1½ (ABS)</td>
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<td>29⁄32</td>
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<td>3⁄8</td>
</tr>
<tr>
<td>3</td>
<td>8⁄16</td>
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<td>5</td>
</tr>
<tr>
<td>4 (PVC)</td>
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<td>4 (ABS)</td>
<td>929⁄32</td>
<td>3⁄8</td>
<td>61⁄4</td>
</tr>
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</table>

**(P)** Fabricated

** Assembled from two molded components.

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
<table>
<thead>
<tr>
<th>SIZE</th>
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<th>C</th>
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<tbody>
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<td>2 3/4</td>
<td>4 5/8</td>
</tr>
<tr>
<td>4 x 4 x 2 (PVC)</td>
<td>6 23/32</td>
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<td>5 15/64</td>
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<tr>
<td>4 x 4 x 3</td>
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PART NO. 611

<table>
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<td>2 7/8</td>
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<tr>
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<td>2 7/32</td>
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<td>2 (PVC)</td>
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<td>3 3/8</td>
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<td>3 11/16</td>
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<td>1 5/8</td>
<td>5</td>
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<tr>
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<td>4 (PVC)</td>
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<td>6 3/8</td>
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<tr>
<td>4 (ABS)</td>
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<td>6 5/16</td>
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<tr>
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<td>16 1/4</td>
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<tr>
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<td>25 3/8</td>
</tr>
<tr>
<td>14 (F) (PVC)</td>
<td>28 7/16</td>
<td>7 1/8</td>
<td>20 5/8</td>
</tr>
</tbody>
</table>

PART NO. PVC 611S

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 2 (PVC)</td>
<td>6 1/8</td>
<td>1 5/8</td>
<td>5</td>
<td>1 3/4</td>
</tr>
</tbody>
</table>

(F) Fabricated

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PVC and ABS DWV Fittings

**PART NO. 612**

**Double Wye, Reducing**

[Double 45° Wye]

ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 2 x 1½ x 1½ (PVC)</td>
<td>4¾⁄8</td>
<td>1⅞⁄16</td>
<td>3⅜⁄16</td>
</tr>
<tr>
<td>2 x 2 x 1½ x 1½ (ABS)</td>
<td>4⅜⁄16</td>
<td>3⅜⁄32</td>
<td>3½⁄8</td>
</tr>
<tr>
<td>3 x 3 x 1½ x 1½ (PVC)</td>
<td>4⅝⁄4</td>
<td>½⁄2</td>
<td>4⅜⁄16</td>
</tr>
<tr>
<td>3 x 3 x 2 x 2</td>
<td>4⅜⁄16</td>
<td>⅝⁄4</td>
<td>4½⁄8</td>
</tr>
<tr>
<td>4 x 4 x 2 x 2 (PVC)</td>
<td>⅞</td>
<td>⅝⁄2</td>
<td>5⅜⁄16</td>
</tr>
<tr>
<td>4 x 4 x 3 x 3 (PVC)</td>
<td>6¾⁄8</td>
<td>1⅞⁄16</td>
<td>6</td>
</tr>
<tr>
<td>4 x 4 x 3 x 3 (ABS)</td>
<td>6⅞⁄16</td>
<td>1⁄2</td>
<td>6⅜⁄32</td>
</tr>
<tr>
<td>6 x 6 x 4 x 4 (PVC)</td>
<td>10⅞⁄16</td>
<td>1⅞⁄4</td>
<td>7⅞⁄4</td>
</tr>
<tr>
<td>6 x 6 x 4 x 4 (F)</td>
<td>14⅞⁄16</td>
<td>1⅞⁄4</td>
<td>14⅞⁄16</td>
</tr>
<tr>
<td>10 x 10 x 4 x 4 (F)</td>
<td>11⅞⁄16</td>
<td>2⅞⁄16</td>
<td>14</td>
</tr>
<tr>
<td>10 x 10 x 6 x 6 (F)</td>
<td>14⅞⁄16</td>
<td>⅞⁄4</td>
<td>14⅞⁄8</td>
</tr>
<tr>
<td>10 x 10 x 8 x 8 (F)</td>
<td>18</td>
<td>3⅞⁄16</td>
<td>15⅞⁄16</td>
</tr>
<tr>
<td>12 x 12 x 4 x 4 (F)</td>
<td>11⅞⁄16</td>
<td>1</td>
<td>14</td>
</tr>
<tr>
<td>12 x 12 x 6 x 6 (F)</td>
<td>15⅞⁄16</td>
<td>⅞⁄16</td>
<td>17⅞⁄16</td>
</tr>
<tr>
<td>12 x 12 x 8 x 8 (F)</td>
<td>18 vii⁄16</td>
<td>⅞⁄16</td>
<td>16⅞⁄16</td>
</tr>
<tr>
<td>12 x 14 x 6 x 6 (F)</td>
<td>21⅞⁄16</td>
<td>⅞⁄16</td>
<td>18⅞⁄16</td>
</tr>
<tr>
<td>14 x 14 x 6 x 6 (F)</td>
<td>15</td>
<td>1</td>
<td>16⅞⁄16</td>
</tr>
<tr>
<td>14 x 14 x 8 x 8 (F)</td>
<td>19</td>
<td>2⅞⁄16</td>
<td>17⅞⁄32</td>
</tr>
<tr>
<td>14 x 14 x 10 x 10 (F)</td>
<td>21⅞⁄16</td>
<td>4</td>
<td>18⅞⁄4</td>
</tr>
<tr>
<td>14 x 14 x 12 x 12 (F)</td>
<td>25⅞⁄16</td>
<td>5</td>
<td>19⅞⁄16</td>
</tr>
<tr>
<td>16 x 16 x 6 x 6 (F)</td>
<td>15⅞⁄16</td>
<td>1⅞⁄32</td>
<td>17⅞⁄32</td>
</tr>
<tr>
<td>16 x 16 x 8 x 8 (F)</td>
<td>18⅞⁄16</td>
<td>1⅞⁄16</td>
<td>18⅞⁄16</td>
</tr>
<tr>
<td>16 x 16 x 10 x 10 (F)</td>
<td>21⅞⁄16</td>
<td>1⅞⁄16</td>
<td>20⅞⁄16</td>
</tr>
<tr>
<td>16 x 16 x 12 x 12 (F)</td>
<td>26⅞⁄16</td>
<td>4⅞⁄16</td>
<td>21⅞⁄4</td>
</tr>
</tbody>
</table>

(F) Fabricated

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PVC and ABS DWV Fittings

#### PART NO. PVC 625

**Wye with Left Side Inlet**  
ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 2 (PVC)</td>
<td>6(\frac{5}{8})</td>
<td>1(\frac{1}{8})</td>
<td>5</td>
<td>2(\frac{1}{4})</td>
<td>1(\frac{3}{4})</td>
</tr>
<tr>
<td>4 x 4 x 4 x 2 (PVC)</td>
<td>8(\frac{1}{4})</td>
<td>1(\frac{1}{8})</td>
<td>6(\frac{3}{8})</td>
<td>2(\frac{1}{2})</td>
<td>3(\frac{1}{16})</td>
</tr>
</tbody>
</table>

#### PART NO. PVC 626

**Wye with Right Side Inlet**  
ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 2 (PVC)</td>
<td>6(\frac{5}{8})</td>
<td>1(\frac{1}{8})</td>
<td>5</td>
<td>2(\frac{1}{4})</td>
<td>1(\frac{3}{4})</td>
</tr>
<tr>
<td>4 x 4 x 4 x 2 (PVC)</td>
<td>8(\frac{1}{4})</td>
<td>1(\frac{1}{8})</td>
<td>6(\frac{3}{8})</td>
<td>2(\frac{1}{2})</td>
<td>3(\frac{1}{16})</td>
</tr>
</tbody>
</table>

#### PART NO. 700

**Return Bend**  
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1(\frac{1}{2}) (PVC)</td>
<td>3(\frac{1}{2})</td>
<td>1(\frac{3}{4})</td>
<td>1(\frac{3}{4})</td>
</tr>
<tr>
<td>1(\frac{1}{2}) (ABS)</td>
<td>3(\frac{15}{32})</td>
<td>1(\frac{17}{32})</td>
<td>1(\frac{17}{32})</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>2(\frac{1}{4})</td>
<td>2(\frac{1}{4})</td>
</tr>
<tr>
<td>3 (PVC)</td>
<td>6(\frac{3}{4})</td>
<td>3(\frac{1}{16})</td>
<td>3(\frac{1}{16})</td>
</tr>
<tr>
<td>3 (ABS)</td>
<td>6(\frac{29}{32})</td>
<td>2(\frac{31}{32})</td>
<td>2(\frac{31}{32})</td>
</tr>
<tr>
<td>4 (PVC)</td>
<td>8(\frac{1}{2})</td>
<td>3(\frac{1}{16})</td>
<td>3(\frac{1}{16})</td>
</tr>
<tr>
<td>4 (ABS)</td>
<td>8(\frac{7}{16})</td>
<td>3(\frac{11}{16})</td>
<td>3(\frac{11}{16})</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. ABS 704P
Tail Piece Adapter with Plastic Nut & Packing Ring

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>27/16</td>
</tr>
</tbody>
</table>

### PART NO. 706X
P-Trap with Solvent Weld Joint

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4/6</td>
<td>3 15/16</td>
<td>1 1/4</td>
</tr>
<tr>
<td>2</td>
<td>6 13/16</td>
<td>4/6</td>
<td>2 1/6</td>
</tr>
<tr>
<td>3</td>
<td>8 15/16</td>
<td>6 15/16</td>
<td>3 1/6</td>
</tr>
<tr>
<td>4</td>
<td>11 1/6</td>
<td>8 1/6</td>
<td>3 11/16</td>
</tr>
</tbody>
</table>

### PART NO. 707X
P-Trap with Cleanout & Solvent Weld Joint

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>4/6</td>
<td>3 15/16</td>
<td>1 1/4</td>
</tr>
<tr>
<td>1 1/2</td>
<td>4 21/32</td>
<td>3 1/2</td>
<td>1 19/16</td>
</tr>
<tr>
<td>2</td>
<td>6 7/16</td>
<td>4 5/16</td>
<td>2 5/16</td>
</tr>
<tr>
<td>2</td>
<td>6 25/32</td>
<td>4 1 1/16</td>
<td>2 1/4</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
## PART NO. 708P

### P-Trap with Union & Plastic Nut

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1¼ (PVC)</td>
<td>4(\frac{1}{16})</td>
<td>3(\frac{1}{2})</td>
<td>1(\frac{1}{8})</td>
</tr>
<tr>
<td>1½ (PVC)</td>
<td>4(\frac{1}{8})</td>
<td>3(\frac{15}{16})</td>
<td>1(\frac{1}{4})</td>
</tr>
<tr>
<td>1½ (ABS)</td>
<td>4(\frac{29}{32})</td>
<td>4(\frac{3}{32})</td>
<td>1(\frac{1}{16})</td>
</tr>
<tr>
<td>2 (PVC)</td>
<td>6(\frac{1}{16})</td>
<td>4(\frac{1}{8})</td>
<td>2(\frac{1}{8})</td>
</tr>
<tr>
<td>2 (ABS)</td>
<td>6(\frac{25}{32})</td>
<td>4(\frac{5}{8})</td>
<td>2(\frac{1}{4})</td>
</tr>
</tbody>
</table>

### PART NO. 708X

### P-Trap with Union & Chrome Nut

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (PVC)</td>
<td>4(\frac{1}{8})</td>
<td>3(\frac{15}{16})</td>
<td>1(\frac{1}{4})</td>
</tr>
<tr>
<td>1½ (ABS)</td>
<td>4(\frac{29}{32})</td>
<td>4(\frac{3}{32})</td>
<td>1(\frac{1}{16})</td>
</tr>
</tbody>
</table>

### PART NO. PVC 709X

### P-Trap with Cleanout, Union & Chrome Nut

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (PVC)</td>
<td>4(\frac{1}{8})</td>
<td>3(\frac{15}{16})</td>
<td>1(\frac{1}{2})</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PVC and ABS DWV Fittings

#### PART NO. PVC 710

**Low Profile P-Trap with Solvent Weld**

<table>
<thead>
<tr>
<th>SIZE (PVC)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>6 13/16</td>
<td>4 1/16</td>
<td>2 3/8</td>
</tr>
</tbody>
</table>

#### PART NO. 711P

**L.A. Pattern P-Trap Furnished with a 1 1/2” and 1 1/2” x 1 1/4” Polyethylene Nut/Washer Combination**

<table>
<thead>
<tr>
<th>SIZE (PVC)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>4 9/4</td>
<td>4 15/64</td>
<td>3 7/16</td>
</tr>
<tr>
<td>1 1/2 (ABS)</td>
<td>4 9/16</td>
<td>4 1/8</td>
<td>3 17/32</td>
</tr>
</tbody>
</table>

#### PART NO. 711W

**L.A. Pattern P-Trap Furnished with a 1 1/2” ABS or PVC Nut, a 1 1/2” Washer and a 1 1/2” x 1 1/4” Washer**

<table>
<thead>
<tr>
<th>SIZE (PVC)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>4 9/4</td>
<td>4 15/64</td>
<td>3 7/16</td>
</tr>
<tr>
<td>1 1/2 (ABS)</td>
<td>5 5/32</td>
<td>4 15/64</td>
<td>3 45/64</td>
</tr>
</tbody>
</table>

#### PART NO. PVC 711X

**L.A. Pattern P-Trap Furnished with a 1 1/2” Chrome Nut, a 1 1/2” Washer and a 1 1/2” x 1 1/4” Washer**

<table>
<thead>
<tr>
<th>SIZE (PVC)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>4 9/4</td>
<td>4 15/64</td>
<td>3 7/16</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 720X

**Drum Trap**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 6 x 1½ (PVC)</td>
<td>4(\frac{13}{16})</td>
<td>1(\frac{11}{16})</td>
</tr>
<tr>
<td>3 x 6 x 1½ (ABS)</td>
<td>4(\frac{23}{32})</td>
<td>1(\frac{23}{32})</td>
</tr>
</tbody>
</table>

### PART NO. 800 & 800K

**Closet Flange**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3</td>
<td>7</td>
<td>1¼</td>
<td>7/16</td>
</tr>
<tr>
<td>4 x 4*</td>
<td>7</td>
<td>1¼</td>
<td>7/16</td>
</tr>
</tbody>
</table>

* Part No. 800K, 4x4" is not available in ABS.

### PART NO. 800S

**Closet Flange with Stop**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3</td>
<td>7</td>
<td>2¼</td>
<td>7/16</td>
<td>1½</td>
</tr>
</tbody>
</table>

### PART NO. 801

**Closet Flange, Reducing**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3 (PVC)</td>
<td>7</td>
<td>2¾</td>
<td>1(\frac{21}{32})</td>
<td>7/16</td>
</tr>
<tr>
<td>4 x 3 (ABS)</td>
<td>7(\frac{1}{32})</td>
<td>2¾</td>
<td>1(\frac{9}{16})</td>
<td>7/16</td>
</tr>
</tbody>
</table>

* Part No. 800K, 4x4" is not available in ABS.

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. ABS 808

**Male Closet Flange**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3 (ABS)</td>
<td>7</td>
<td>2(\frac{1}{16})</td>
<td>1(\frac{15}{32})</td>
</tr>
</tbody>
</table>

### PART NO. PVC 810K

**Closet Flange, Adjustable with Plastic Ring**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3 (PVC)</td>
<td>7</td>
<td>1(\frac{3}{8})</td>
<td>7(\frac{1}{16})</td>
</tr>
</tbody>
</table>

### PART NO. ABS 811P

**Closet Flange, Adjustable with Plastic Ring**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3 (ABS)</td>
<td>7</td>
<td>1(\frac{3}{8})</td>
<td>7(\frac{1}{16})</td>
</tr>
<tr>
<td>4 x 4 (ABS)</td>
<td>7</td>
<td>1(\frac{3}{8})</td>
<td>7(\frac{1}{16})</td>
</tr>
</tbody>
</table>

### PART NO. 811

**Closet Flange, Adjustable with Metal Ring**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3</td>
<td>7</td>
<td>1(\frac{1}{4})</td>
<td>(\frac{1}{4})</td>
</tr>
<tr>
<td>4 x 4</td>
<td>7</td>
<td>1(\frac{1}{4})</td>
<td>(\frac{1}{4})</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. PVC 811K

**Closet Flange, Adjustable with Metal Ring**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3 (PVC)</td>
<td>7</td>
<td>1¼</td>
<td>¼</td>
</tr>
</tbody>
</table>

### PART NO. 812

**Closet Flange, Adjustable with Metal Ring**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3 (PVC)</td>
<td>7</td>
<td>2⅜</td>
<td>¼</td>
</tr>
<tr>
<td>4 x 3 (ABS)</td>
<td>7</td>
<td>2⅜</td>
<td>¼</td>
</tr>
<tr>
<td>4 x 4 (PVC)</td>
<td>7</td>
<td>2⅜</td>
<td>¼</td>
</tr>
<tr>
<td>4 x 4 (ABS)</td>
<td>7</td>
<td>2⅛</td>
<td>¼</td>
</tr>
</tbody>
</table>

### PART NO. 812P

**Closet Flange, Adjustable with Plastic Ring**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3 (PVC)</td>
<td>7</td>
<td>2⅜</td>
<td>¼</td>
</tr>
<tr>
<td>4 x 3 (ABS)</td>
<td>7</td>
<td>2⅜</td>
<td>¼</td>
</tr>
<tr>
<td>4 x 4 (PVC)</td>
<td>7</td>
<td>2⅜</td>
<td>⅜</td>
</tr>
</tbody>
</table>

### PART NO. 815

**Flush Closet Flange**

(Fits Over 3” Pipe or Inside 4” Pipe)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 4 / 4 x 3</td>
<td>7</td>
<td>2⅜</td>
<td>⅜</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
PVC and ABS DWV Fittings

PART NO. 815K
Flush Closet Flange with Knockout
[Fits Over 3” Pipe or Inside 4” Pipe]

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 4 / 4 x 3</td>
<td>7</td>
<td>27/32</td>
<td>7/16</td>
</tr>
</tbody>
</table>

PART NO. 820
Offset Closet Flange, Adjustable with Metal Ring
(1 1/2” Offset)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3</td>
<td>7</td>
<td>4 5/16</td>
<td>7/16</td>
<td>1 1/2</td>
<td>2 5/16</td>
</tr>
</tbody>
</table>

PART NO. 820P
Offset Closet Flange, Adjustable with Plastic Ring
(1 1/2” Offset)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3</td>
<td>7</td>
<td>4 5/16</td>
<td>7/16</td>
<td>1 1/2</td>
<td>2 5/16</td>
</tr>
</tbody>
</table>

PART NO. ABS 824
Closet Flange, Adjustable with Metal Ring & 4” Extended Spigot

<table>
<thead>
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<th>SIZE</th>
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<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 (ABS)</td>
<td>7</td>
<td>4 11/16</td>
<td>1/4</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PART NO. 900

**Swivel Tray Plug Adapter with Washer**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½</td>
<td>1 23/32</td>
<td>15/32</td>
</tr>
</tbody>
</table>

### PART NO. ABS 900X

**Swivel Tray Plug Adapter with Washer, Extended**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (ABS)</td>
<td>2 7/16</td>
<td>15/32</td>
</tr>
</tbody>
</table>

### PART NO. ABS 910

**Swivel Tray Plug Adapter with Washer**

<table>
<thead>
<tr>
<th>SIZE</th>
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<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ (ABS)</td>
<td>1 13/16</td>
<td>9/16</td>
</tr>
</tbody>
</table>

Note: If PVC or ABS is not listed for a specific size, that size fitting is available in PVC and ABS materials, and the dimensions listed are the same for both materials.
### PVC Thin Wall Schedule 30 Pipe

<table>
<thead>
<tr>
<th>PVC SCHEDULE 30 (White)</th>
<th>PLAIN END</th>
<th>ASTM D 2949</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>NOM. SIZE</td>
<td>QTY. PER</td>
</tr>
<tr>
<td>PVC 9300</td>
<td>3&quot;x10'</td>
<td>03963</td>
</tr>
</tbody>
</table>

Weight is approximate and is for shipping purposes only.

Pipe listed in this section meets or exceeds the requirements of ASTM D 2949.

---

**WARNING**

Testing with or use of compressed air or gas in PVC / ABS / CPVC pipe or fittings can result in explosive failures and cause severe injury or death.

- NEVER test with or transport/store compressed air or gas in PVC / ABS / CPVC pipe or fittings.
- NEVER test PVC / ABS / CPVC pipe or fittings with compressed air or gas, or air over water boosters.
- ONLY use PVC / ABS / CPVC pipe or fittings for water or approved chemicals.
- Refer to warnings on PPFA's website and ASTM D 1785.

---

All products manufactured by Charlotte Pipe and Foundry Company are proudly made in the U.S.A.
## PVC Thin Wall Schedule 30 Fittings

### Hub Dimensional Tolerances

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.25 O.D.</td>
<td>3.265</td>
<td>3.245</td>
<td>1.500</td>
<td>0.140</td>
</tr>
<tr>
<td></td>
<td>±.008</td>
<td>±.008</td>
<td>MIN.</td>
<td>MIN.</td>
</tr>
</tbody>
</table>

### IPS Hub Dimensional Tolerances

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>1.915</td>
<td>1.894</td>
<td>0.750</td>
<td>0.156</td>
</tr>
<tr>
<td></td>
<td>+.010/- .005</td>
<td>±.006</td>
<td>MIN.</td>
<td>MIN.</td>
</tr>
<tr>
<td>2</td>
<td>2.390</td>
<td>2.369</td>
<td>0.875</td>
<td>0.156</td>
</tr>
<tr>
<td></td>
<td>+.010/- .005</td>
<td>±.006</td>
<td>MIN.</td>
<td>MIN.</td>
</tr>
<tr>
<td>3</td>
<td>3.520</td>
<td>3.498</td>
<td>1.500</td>
<td>0.218</td>
</tr>
<tr>
<td></td>
<td>+.010/- .005</td>
<td>±.008</td>
<td>MIN.</td>
<td>MIN.</td>
</tr>
<tr>
<td>4</td>
<td>4.520</td>
<td>4.491</td>
<td>1.500</td>
<td>0.250</td>
</tr>
<tr>
<td></td>
<td>+.010/- .005</td>
<td>±.009</td>
<td>MIN.</td>
<td>MIN.</td>
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</table>
### PART NO. PVC 1100
**Coupling**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>3/16</td>
<td>3/32</td>
<td>17/32</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1101
**Female Adapter**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>3/16</td>
<td>1/2</td>
<td>17/32</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1102
**Pipe Increaser-Reducer**

<table>
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<tr>
<th>SIZE</th>
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<th>B</th>
<th>C</th>
<th>N</th>
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</thead>
<tbody>
<tr>
<td>1 1/2 x 3</td>
<td>2 3/4</td>
<td>3/4</td>
<td>1/2</td>
<td>1 1/4</td>
</tr>
<tr>
<td>2 x 3</td>
<td>2 3/4</td>
<td>7/8</td>
<td>1/2</td>
<td>1 1/4</td>
</tr>
<tr>
<td>4 x 3</td>
<td>4 7/32</td>
<td>1 1/16</td>
<td>1 1/4</td>
<td>2 7/32</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1105X
**Fitting Cleanout Adapter with Cleanout Plug**

<table>
<thead>
<tr>
<th>SIZE</th>
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<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>7/32</td>
<td>17/32</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1109
**Male Adapter**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>3</td>
<td>5/16</td>
<td>1/2</td>
<td>1/2</td>
</tr>
</tbody>
</table>
### PART NO. PVC 1112
Reducer Bushing

<table>
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<th>SIZE</th>
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<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 1½</td>
<td>2⁵⁄₈</td>
<td>1½</td>
<td>3/₄</td>
</tr>
<tr>
<td>3 x 2</td>
<td>2⁷⁄₁₆</td>
<td>1½</td>
<td>2⁹⁄₃₂</td>
</tr>
<tr>
<td>4 x 3</td>
<td>2⁷⁄₈</td>
<td>1¼</td>
<td>1⁷⁄₈</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1116
Cap

<table>
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<th>SIZE</th>
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<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>2⁵⁄₁₆</td>
<td>1⁵⁄₈</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1117
Adapter Coupling
(Adapts S&D Hub to DWV Hub)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3</td>
<td>9/₁₆</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1129
Hub Adapter
(Adapts 3" IPS Hub to 3" Thin Wall Pipe)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3</td>
<td>1½</td>
<td>1⁵⁶⁄₁₆</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1130
Repair Coupling

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>3⁵⁄₈</td>
</tr>
</tbody>
</table>

---

PVC Thin Wall Schedule 30 Fittings

CHARLOTTE PIPE AND FOUNDRY COMPANY®
**PART NO. PVC 1300**

1/4 Bend  
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>2(\frac{7}{8})</td>
<td>1(\frac{17}{32})</td>
</tr>
</tbody>
</table>

**PART NO. PVC 1302**

1/4 Bend, Street  
SPIGOT X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>2(\frac{7}{8})</td>
<td>4(\frac{9}{32})</td>
<td>1(\frac{17}{32})</td>
</tr>
</tbody>
</table>

**PART NO. PVC 1319**

1/6 Bend  
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1(\frac{1}{2})</td>
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</tbody>
</table>

**PART NO. PVC 1321**

1/8 Bend  
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1(\frac{1}{32})</td>
<td>1(\frac{17}{32})</td>
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</table>

**PART NO. PVC 1323**

1/8 Bend, Street  
SPIGOT X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1(\frac{1}{32})</td>
<td>2(\frac{17}{32})</td>
<td>1(\frac{17}{32})</td>
</tr>
</tbody>
</table>
PART NO. PVC 1324

1/16 Bend
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>1\frac{11}{16}</td>
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PART NO. PVC 1400

Sanitary Tee
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>2\frac{31}{32}</td>
<td>4\frac{1}{2}</td>
<td>1\frac{17}{32}</td>
</tr>
</tbody>
</table>

PART NO. PVC 1401

Sanitary Tee, Reducing
HUB X HUB

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 1\frac{1}{2}</td>
<td>2\frac{9}{16}</td>
<td>2\frac{11}{16}</td>
<td>1\frac{11}{16}</td>
<td>1\frac{1}{2}</td>
<td>\frac{3}{4}</td>
</tr>
<tr>
<td>3 x 2</td>
<td>2\frac{7}{32}</td>
<td>3\frac{7}{8}</td>
<td>1\frac{31}{32}</td>
<td>1\frac{1}{2}</td>
<td>\frac{7}{8}</td>
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PART NO. PVC 1418

Sanitary Tee with Right & Left Side Inlets
ALL HUB

<table>
<thead>
<tr>
<th>SIZE</th>
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<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 3 x 3 x 1\frac{1}{2} x 1\frac{1}{2}</td>
<td>2\frac{15}{16}</td>
<td>4\frac{13}{32}</td>
<td>2\frac{15}{16}</td>
</tr>
<tr>
<td>3 x 3 x 3 x 2 x 2</td>
<td>2\frac{15}{16}</td>
<td>4\frac{13}{32}</td>
<td>2\frac{15}{16}</td>
</tr>
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</table>
### PART NO. PVC 1429
**Double Sanitary Tee, Reducing**

<table>
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<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 1 1/2</td>
<td>2 1/4</td>
<td>2 21/32</td>
<td>1 25/32</td>
<td>1 17/32</td>
<td>25/32</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1444X
**Cleanout Tee with Cleanout Plug**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>2 3/4</td>
<td>3 3/4</td>
<td>1 7/8</td>
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</table>

See Part No. 106 for plug dimensions.

### PART NO. PVC 1600
**Wye**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>4 7/8</td>
<td>3/4</td>
<td>4 1/8</td>
<td>1 17/32</td>
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### PART NO. PVC 1601
**Wye, Reducing**

<table>
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<tr>
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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 1 1/2</td>
<td>3 11/16</td>
<td>3/8</td>
<td>3 1/2</td>
<td>1 17/32</td>
<td>25/32</td>
</tr>
<tr>
<td>3 x 2</td>
<td>3 11/16</td>
<td>1 1/4</td>
<td>4 3/8</td>
<td>1 17/32</td>
<td>7/8</td>
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### PART NO. PVC 1611
**Double Wye**

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<tr>
<td>3</td>
<td>4 25/32</td>
<td>13/16</td>
<td>4 1/8</td>
<td>1 17/32</td>
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### PART NO. PVC 1800

**Closet Flange**

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<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>4 x 3</td>
<td>7</td>
<td>1 ¼</td>
<td>7/16</td>
<td>1 ¾</td>
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### PART NO. PVC 1800K

**Closet Flange**

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<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>4 x 3</td>
<td>7</td>
<td>1 ¼</td>
<td>7/16</td>
<td>1 ¾</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1811

**Closet Flange, Adjustable with Metal Ring**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<tbody>
<tr>
<td>4 x 3</td>
<td>6 ¾</td>
<td>1 ¼</td>
<td>¼</td>
<td>1 ½</td>
</tr>
</tbody>
</table>

### PART NO. PVC 1812

**Closet Flange, Adjustable with Metal Ring**

<table>
<thead>
<tr>
<th>SIZE</th>
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<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 3</td>
<td>6 ¾</td>
<td>1 ¼</td>
<td>¼</td>
<td>1 ½</td>
</tr>
</tbody>
</table>
This is to certify that all Plastic Pipe and Fittings manufactured by Charlotte Pipe and Foundry Company are manufactured in the United States and conform to the following standards:

**PVC SCH. 40 SOLID WALL PIPE**
- ASTM D 1784, ASTM D 1785, ASTM D 2665
- FHA UM 79a
- FEDERAL SPECIFICATION L-P-320a
- NSF STANDARD NO. 14 AND 61

**PVC SCH. 40 DWV CELLULAR CORE PIPE**
- ASTM D 4396, ASTM F 891
- NSF STANDARD NO. 14

**PVC SCH. 40 DWV FITTINGS**
- ASTM D 1784, ASTM D 2665, ASTM D 3311, ASTM F 1866
- FHA UM 79a
- FEDERAL SPECIFICATION L-P-320a
- NSF STANDARD NO. 14

**ConnecTite® PUSH-FIT DWV FITTINGS**
- ASME A112.4.4, IAPMO IGC 334
- NSF STANDARD NO. 14

**PVC SDR-21 AND SDR-26 PRESSURE PIPE**
- ASTM D 1784, ASTM D 2241
- NSF STANDARD NO. 14 AND 61

**PVC SCH. 40 PRESSURE FITTINGS**
- ASTM D 1784, ASTM D 2466
- NSF STANDARD NO. 14 AND 61

**PVC SCH. 40 WELL CASING PIPE**
- ASTM D 1784, ASTM F 480
- NSF STANDARD NO. 14 AND 61

**PVC SCH. 80 PIPE**
- ASTM D 1784, ASTM D 1785, PVC 1120
- NSF STANDARD NO. 14 AND 61

**PVC SCH. 80 FITTINGS**
- NSF STANDARD NO. 14 AND 61
PVC SDR 35 SEWER MAIN PIPE
ASTM D 1784, ASTM D 3034 SDR 35
ASTM D 3212, ASTM F 477

PVC SEWER AND DRAIN PIPE
ASTM D 1784, ASTM D 2729

PVC THIN WALL PIPE & FITTINGS
ASTM D 1784, ASTM D 2949
NSF STANDARD NO. 14

CPVC FLOWGUARD GOLD® CTS PIPE & FITTINGS
ASTM D 1784, ASTM D 2846
FHA UM-61a
NSF STANDARD NO. 14. AND 61
CSA LISTED ON SPECIFIED ITEMS

CPVC CHEMDRAIN® SCH. 40 PIPE & FITTINGS
ASTM D 1784, ASTM F 2618
NSF STANDARD NO. 14

ABS SCH. 40 DWV CELLULAR CORE PIPE
ASTM D 3965, ASTM F 628
NSF STANDARD NO. 14

ABS PLUS® SCH. 40 DWV CELLULAR CORE PIPE
ASTM D 3965, ASTM D 4396, ASTM F 1488
NSF STANDARD NO. 14.

ABS SCH. 40 DWV FITTINGS
ASTM D 3965, ASTM D 2661, ASTM D 3311
FHA UM 79a
FEDERAL SPECIFICATION L-P-322b
NSF STANDARD NO. 14
Charlotte Pipe and Foundry Company® (Charlotte Pipe®) Products are warranted to be free from manufacturing defects and to conform to currently applicable ASTM standards for a period of five (5) years from date of delivery. Buyer’s remedy for breach of this warranty is limited to replacement of, or credit for, the defective product. This warranty excludes any expense for removal or reinstallation of any defective product and any other incidental, consequential, or punitive damages. This limited warranty is the only warranty made by seller and is expressly in lieu of all other warranties, express and implied, including any warranties of merchantability and fitness for a particular purpose. No statement, conduct or description by Charlotte Pipe or its representative, in addition to or beyond this Limited Warranty, shall constitute a warranty. This Limited Warranty may only be modified in writing signed by an officer of Charlotte Pipe.

This Limited Warranty will not apply if:

1) The Products are used for purposes other than their intended purpose as defined by local plumbing and building codes, and the applicable ASTM standard.
2) The Products are not installed in good and workmanlike manner consistent with normal industry standards; installed in compliance with the latest instructions published by Charlotte Pipe and good plumbing practices; and installed in conformance with all applicable plumbing, fire and building code requirements.
3) This limited warranty does not apply when the products of Charlotte Pipe are used with the products of other manufacturers that do not meet the applicable ASTM or CISPI standards or that are not marked in a manner to indicate the entity that manufactured them.
4) In hubless cast iron installations, this warranty will not apply if products are joined with unshielded hubless couplings. Charlotte Pipe requires that its hubless cast iron pipe and fittings be joined only with shielded hubless couplings manufactured in accordance with CISPI 310, ASTM C 1277 and certified by NSF® International or with Heavy Duty Couplings meeting ASTM C 1540.
5) The Products fail due to defects or deficiencies in design, engineering, or installation of the piping system of which they are a part.
6) The Products have been the subject of modification; misuse; misapplication; improper maintenance or repair; damage caused by the fault or negligence of anyone other than Charlotte Pipe; or any other act or event beyond the control of Charlotte Pipe.
7) The Products fail due to the freezing of water in the Products.
8) The Products fail due to contact with chemical agents, fire stopping materials, thread sealant, plasticized vinyl products, or other aggressive chemical agents that are not compatible.
9) Pipe outlets, sound attenuation systems or other devices are permanently attached to the surface of Charlotte® PVC, ABS or CPVC products with solvent cement or adhesive glue.

Charlotte Pipe products are manufactured to the applicable ASTM or CISPI standard. Charlotte Pipe and Foundry cannot accept responsibility for the performance, dimensional accuracy, or compatibility of pipe, fittings, gaskets, or couplings not manufactured or sold by Charlotte Pipe and Foundry.

Any Charlotte Pipe products alleged to be defective must be made available to Charlotte Pipe at the following address for verification, inspection and determination of cause:

Charlotte Pipe and Foundry Company
Attention: Technical Services
2109 Randolph Road
Charlotte, North Carolina 28207

Purchaser must obtain a return materials authorization and instructions for return shipment to Charlotte Pipe of any product claimed defective or shipped in error. Any Charlotte Pipe product proved to be defective in manufacture will be replaced F.O.B. point of original delivery, or credit will be issued, at the discretion of Charlotte Pipe.

Testing with or use of compressed air or gas in PVC / ABS / CPVC / Cast Iron pipe or fittings can result in explosive failures and cause severe injury or death.

- NEVER test with or transport/store compressed air or gas in PVC / ABS / CPVC / Cast Iron pipe or fittings.
- NEVER test PVC / ABS / CPVC / Cast Iron pipe or fittings with compressed air or gas, or air over water boosters.
- ONLY use PVC / ABS / CPVC / Cast Iron pipe or fittings for water or approved chemicals.
- Refer to warnings on PPFA’s website and ASTM D 1785.

Charlotte and Charlotte Pipe are registered trademarks of Charlotte Pipe and Foundry Company.

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Charlotte Pipe and Foundry Company® (Charlotte Pipe®) ConnecTite® Products are warranted to be free from manufacturing defects and to conform to currently applicable standards for a period of ten (10) years from date of delivery. Buyer’s remedy for breach of this warranty is limited to replacement of, or credit for, the defective product. This warranty excludes any expense for removal or reinstatement of any defective product and any other incidental, consequential, or punitive damages. This limited warranty is the only warranty made by seller and is expressly in lieu of all other warranties, express and implied, including any warranties of merchantability and fitness for a particular purpose. No statement, conduct or description by Charlotte Pipe or its representative, in addition to or beyond this Limited Warranty, shall constitute a warranty. This Limited Warranty may only be modified in writing signed by an officer of Charlotte Pipe.

This Limited Warranty will not apply if:

1) The Products are used for purposes other than their intended purpose as defined by local plumbing and building codes, and the applicable standard.

2) The Products are not installed in good and workmanlike manner consistent with normal industry standards; installed in compliance with the latest instructions published by Charlotte Pipe and good plumbing practices; and installed in conformance with all applicable plumbing, fire and building code requirements.

3) This limited warranty does not apply when the products of Charlotte Pipe are used with the products of other manufacturers that do not meet the ASTM standard or that are not marked in a manner to indicate the entity that manufactured them.

4) The Products fail due to defects or deficiencies in design, engineering, or installation of the piping system of which they are a part.

5) The Products have been the subject of modification; misuse; misapplication; improper maintenance or repair; damage caused by the fault or negligence of anyone other than Charlotte Pipe; or any other act or event beyond the control of Charlotte Pipe.

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