Brass Push-To-Connect Fittings

- Extremely easy to install — no tools necessary
- Made of durable brass — elbows and tees are forged
- Much higher temperature/pressure ratings than that of plastic Newloc
- No flow restrictions
- All male pipe threads come with a pre-applied fluoropolymer sealant
- Easy to disconnect and reuse

Notes

Construction materials:
Body & Collet: Brass
‘O’-Ring: Buna-N (other materials available)

Working pressure:
Limited only by the working pressure of the plastic tubing used up to 250 psi**

Vacuum rating:
Full** (29.9 in./Hg)

Working temperature:
-10°F to 200°F** (higher temperatures are possible with special ‘O’-rings — call for details)

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

Use NEWLOC BRASS fittings with all types of semi-rigid to rigid plastic tubing including nylon and polyethylene. They may also be used with limited soft tubing sizes using tube supports (available). Pulling on the inserted tubing or increasing the pressure actually tightens the seal.

Typical applications include systems for pneumatic control, robotics, instrumentation, and chemicals.

Manifolds pre-mounted with NEWLOC BRASS fittings or nickel-plated NEWLOC BRASS (for improved aesthetics) are available — call for details.

All male pipe threads come with a pre-applied sealant of fluoropolymer, however for subsequent use it is recommended that sealant, such as PTFE Thread Sealant be used. The push-to-connect fitting ends are self-sealing — do not use sealants at this connection.

If tube disconnection is performed, it may be necessary to re-cut the end of the tubing to ensure perfect sealing when reattached.

Installation Instructions:

1. Cut tubing cleanly at 90° angle and push into collet
2. Installation complete and secure
3. To disconnect push in collet and pull tubing

Male Adapter

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.) x THREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 0103</td>
<td>1/8 x 1/16 NPTF</td>
</tr>
<tr>
<td>620 0110</td>
<td>1/8 x 1/8 NPTF</td>
</tr>
<tr>
<td>620 0012*</td>
<td>1/8 x 10-32 UNF</td>
</tr>
<tr>
<td>620 0145</td>
<td>5/32 x 1/8 NPTF</td>
</tr>
<tr>
<td>620 0159</td>
<td>5/32 x 1/4 NPTF</td>
</tr>
<tr>
<td>620 0019*</td>
<td>5/32 x 10-32 UNF</td>
</tr>
<tr>
<td>620 0026*</td>
<td>3/16 x 10-32 UNF</td>
</tr>
<tr>
<td>620 0243</td>
<td>1/4 x 1/8 NPTF</td>
</tr>
<tr>
<td>620 0257</td>
<td>1/4 x 1/4 NPTF</td>
</tr>
<tr>
<td>620 0271</td>
<td>1/4 x 3/8 NPTF</td>
</tr>
<tr>
<td>620 0033*</td>
<td>1/4 x 10-32 UNF</td>
</tr>
<tr>
<td>620 0369</td>
<td>3/8 x 1/8 NPTF</td>
</tr>
<tr>
<td>620 0383</td>
<td>3/8 x 1/4 NPTF</td>
</tr>
<tr>
<td>620 0397</td>
<td>3/8 x 3/8 NPTF</td>
</tr>
<tr>
<td>620 0404</td>
<td>3/8 x 1/2 NPTF</td>
</tr>
<tr>
<td>620 0439</td>
<td>1/2 x 1/4 NPTF</td>
</tr>
<tr>
<td>620 0446</td>
<td>1/2 x 3/8 NPTF</td>
</tr>
<tr>
<td>620 0453</td>
<td>1/2 x 1/2 NPTF</td>
</tr>
</tbody>
</table>

*Gasket supplied

All items sold in increments of 5 pieces.
### Brass Push-To-Connect Fittings

#### Union 90° Elbow

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 5738</td>
<td>1/8</td>
</tr>
<tr>
<td>620 5745</td>
<td>5/32</td>
</tr>
<tr>
<td>620 5759</td>
<td>1/4</td>
</tr>
<tr>
<td>620 5773</td>
<td>3/8</td>
</tr>
<tr>
<td>620 5780</td>
<td>1/2</td>
</tr>
</tbody>
</table>

#### Swivel Male 90° Elbow

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.) x THREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 4527</td>
<td>1/8 x 1/8 NPTF</td>
</tr>
<tr>
<td>620 4548</td>
<td>5/32 x 1/8 NPTF</td>
</tr>
<tr>
<td>620 4555</td>
<td>5/32 x 1/4 NPTF</td>
</tr>
<tr>
<td>620 4443*</td>
<td>5/32 x 10-32 UNF</td>
</tr>
<tr>
<td>620 4569</td>
<td>3/16 x 1/8 NPTF</td>
</tr>
<tr>
<td>620 4590</td>
<td>1/4 x 1/8 NPTF</td>
</tr>
<tr>
<td>620 4597</td>
<td>1/4 x 1/4 NPTF</td>
</tr>
<tr>
<td>620 4604</td>
<td>1/4 x 3/8 NPTF</td>
</tr>
<tr>
<td>620 4457*</td>
<td>1/4 x 10-32 UNF</td>
</tr>
<tr>
<td>620 4653</td>
<td>3/8 x 1/8 NPTF</td>
</tr>
<tr>
<td>620 4660</td>
<td>3/8 x 1/4 NPTF</td>
</tr>
<tr>
<td>620 4667</td>
<td>3/8 x 3/8 NPTF</td>
</tr>
<tr>
<td>620 4674</td>
<td>3/8 x 1/2 NPTF</td>
</tr>
<tr>
<td>620 4688</td>
<td>1/2 x 3/8 NPTF</td>
</tr>
<tr>
<td>620 4695</td>
<td>1/2 x 1/2 NPTF</td>
</tr>
</tbody>
</table>

*Gasket supplied

#### Male 90° Elbow

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.) x NPTF</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 4156</td>
<td>1/8 x 1/8</td>
</tr>
<tr>
<td>620 4177</td>
<td>5/32 x 1/8</td>
</tr>
<tr>
<td>620 4198</td>
<td>3/16 x 1/8</td>
</tr>
<tr>
<td>620 4219</td>
<td>1/4 x 1/8</td>
</tr>
<tr>
<td>620 4226</td>
<td>1/4 x 1/4</td>
</tr>
<tr>
<td>620 4233</td>
<td>1/4 x 3/8</td>
</tr>
<tr>
<td>620 4282</td>
<td>3/8 x 1/8</td>
</tr>
<tr>
<td>620 4289</td>
<td>3/8 x 1/4</td>
</tr>
<tr>
<td>620 4296</td>
<td>3/8 x 3/8</td>
</tr>
<tr>
<td>620 4317</td>
<td>1/2 x 3/8</td>
</tr>
<tr>
<td>620 4324</td>
<td>1/2 x 1/2</td>
</tr>
</tbody>
</table>

#### Female Adapter

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.) x FNPTF</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 2987</td>
<td>1/8 x 1/8</td>
</tr>
<tr>
<td>620 3120</td>
<td>1/4 x 1/8</td>
</tr>
<tr>
<td>620 3134</td>
<td>1/4 x 1/4</td>
</tr>
<tr>
<td>620 3246</td>
<td>3/8 x 1/4</td>
</tr>
<tr>
<td>620 3260</td>
<td>3/8 x 3/8</td>
</tr>
</tbody>
</table>

#### Female 90° Elbow

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.) x FNPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 5178</td>
<td>1/8 x 1/8</td>
</tr>
<tr>
<td>620 5199</td>
<td>5/32 x 1/8</td>
</tr>
<tr>
<td>620 5241</td>
<td>1/4 x 1/8</td>
</tr>
<tr>
<td>620 5248</td>
<td>1/4 x 1/4</td>
</tr>
<tr>
<td>620 5311</td>
<td>3/8 x 1/4</td>
</tr>
</tbody>
</table>

#### Swivel Female 90° Elbow

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.) x FNPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 5479</td>
<td>5/32 x 1/8</td>
</tr>
<tr>
<td>620 5521</td>
<td>1/4 x 1/8</td>
</tr>
<tr>
<td>620 5528</td>
<td>1/4 x 1/4</td>
</tr>
</tbody>
</table>

#### Union Connector

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 1566†</td>
<td>1/8</td>
</tr>
<tr>
<td>620 1573</td>
<td>5/32</td>
</tr>
<tr>
<td>620 1587</td>
<td>1/4</td>
</tr>
<tr>
<td>620 1601</td>
<td>3/8</td>
</tr>
<tr>
<td>620 1608</td>
<td>1/2</td>
</tr>
</tbody>
</table>

†Limited stock availability; lead times and minimums may apply — call for details.

#### Reducing Union Connector

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD x TUBE OD (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 1804</td>
<td>3/8 x 1/4</td>
</tr>
</tbody>
</table>

#### Reducer

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD x TUBE OD (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 8881</td>
<td>1/4 x 1/8</td>
</tr>
</tbody>
</table>

All items sold in increments of 5 pieces.
## Brass Push-To-Connect Fittings

### Newloc® Brass Push-To-Connect Fittings

#### Bulkhead Union

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 3547</td>
<td>1/4</td>
</tr>
<tr>
<td>620 3561</td>
<td>3/8</td>
</tr>
<tr>
<td>620 3568</td>
<td>1/2</td>
</tr>
</tbody>
</table>

#### Female Bulkhead Union

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.) x FNPTF</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 3743</td>
<td>1/4 x 1/8</td>
</tr>
<tr>
<td>620 3757</td>
<td>1/4 x 1/4</td>
</tr>
<tr>
<td>620 3862</td>
<td>3/8 x 1/4</td>
</tr>
</tbody>
</table>

#### Male 'Y' Adapter

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>BRANCH TUBE OD (IN.) x STEM NPTF</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 2070</td>
<td>1/4 x 1/4</td>
</tr>
</tbody>
</table>

#### 4-Way Union Connector

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 2903</td>
<td>1/8</td>
</tr>
<tr>
<td>620 2924</td>
<td>1/4</td>
</tr>
</tbody>
</table>

#### Union Tee

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 6515</td>
<td>5/32</td>
</tr>
<tr>
<td>620 6529</td>
<td>1/4</td>
</tr>
<tr>
<td>620 6543</td>
<td>3/8</td>
</tr>
<tr>
<td>620 6550</td>
<td>1/2</td>
</tr>
</tbody>
</table>

#### Reducing Union Tee

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.) x STEM OD</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 8538</td>
<td>3/8 x 1/4</td>
</tr>
</tbody>
</table>

#### Swivel Male Branch Tee†

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.) x STEM THREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 7852</td>
<td>1/4 x 1/8 NPTF</td>
</tr>
</tbody>
</table>

#### Swivel Male Run Tee†

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>TUBE OD (IN.) x BRANCH THREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>620 7110</td>
<td>1/4 x 1/8</td>
</tr>
<tr>
<td>620 7117</td>
<td>1/4 x 1/4</td>
</tr>
</tbody>
</table>

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