

Newloc® Brass

Brass Push-to-Connect Fittings



ESOP Employee Owned
for Your Benefit



Fluid Transfer Specialists®

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



Made in U.S.A.

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

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.

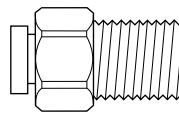
Use NEWLOC BRASS fittings with all types of semi-rigid to rigid plastic tubing including nylon and polyethylene. They may also be used with limited soft tubing sizes using tube supports (available). Pulling on the inserted tubing or increasing the pressure actually tightens the seal.

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.



Male Adapter

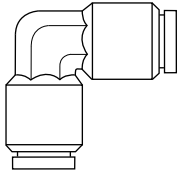
PART NO.	TUBE OD (IN.) x THREAD
620 0103	1/8 x 1/16 NPTF
620 0110	1/8 x 1/8 NPTF
620 0012*	1/8 x 10-32 UNF
620 0145	5/32 x 1/8 NPTF
620 0159	5/32 x 1/4 NPTF
620 0019*	5/32 x 10-32 UNF
620 0026*	3/16 x 10-32 UNF
620 0243	1/4 x 1/8 NPTF
620 0257	1/4 x 1/4 NPTF
620 0271	1/4 x 3/8 NPTF
620 0033*	1/4 x 10-32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

*Gasket supplied

All items sold in increments of 5 pieces.

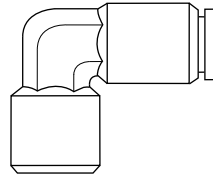
Brass Push-To-Connect Fittings

Union 90° Elbow



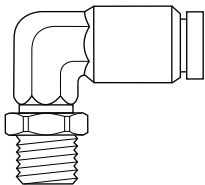
PART NO.	TUBE OD (IN.)
620 5738	1/8
620 5745	5/32
620 5759	1/4
620 5773	3/8
620 5780	1/2

Female 90° Elbow



PART NO.	TUBE OD (IN.) x FNPT
620 5178	1/8 x 1/8
620 5199	5/32 x 1/8
620 5241	1/4 x 1/8
620 5248	1/4 x 1/4
620 5311	3/8 x 1/4

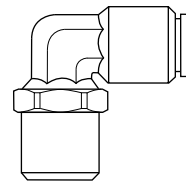
Swivel Male 90° Elbow



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

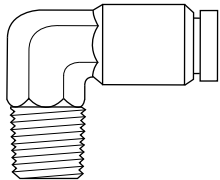
*Gasket supplied

Swivel Female 90° Elbow



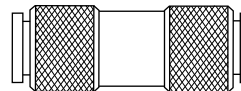
PART NO.	TUBE OD (IN.) x FNPT
620 5479	5/32 x 1/8
620 5521	1/4 x 1/8
620 5528	1/4 x 1/4
620 5591	3/8 x 1/4

Male 90° Elbow



PART NO.	TUBE OD (IN.) x NPTF
620 4156	1/8 x 1/8
620 4177	5/32 x 1/8
620 4198	3/16 x 1/8
620 4219	1/4 x 1/8
620 4226	1/4 x 1/4
620 4233	1/4 x 3/8
620 4282	3/8 x 1/8
620 4289	3/8 x 1/4
620 4296	3/8 x 3/8
620 4317	1/2 x 3/8
620 4324	1/2 x 1/2

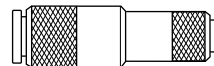
Union Connector



PART NO.	TUBE OD (IN.)
620 1566†	1/8
620 1573	5/32
620 1587	1/4
620 1601	3/8
620 1608	1/2

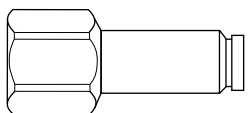
†Limited stock availability; lead times and minimums may apply — call for details.

Reducing Union Connector



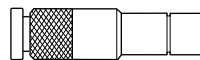
PART NO.	TUBE OD x TUBE OD (IN.)
620 1804	3/8 x 1/4

Female Adapter



PART NO.	TUBE OD (IN.) x FNPTF
620 2987	1/8 x 1/8
620 3120	1/4 x 1/8
620 3134	1/4 x 1/4
620 3246	3/8 x 1/4
620 3260	3/8 x 3/8

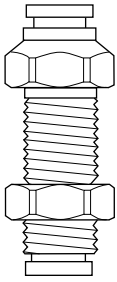
Reducer



PART NO.	STEM OD x TUBE OD (IN.)
620 8881	1/4 x 1/8

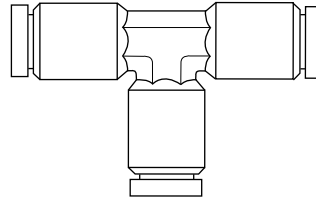
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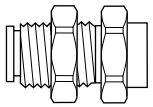
Bulkhead Union

PART NO.	TUBE OD (IN.)
620 3547	1/4
620 3561	3/8
620 3568	1/2



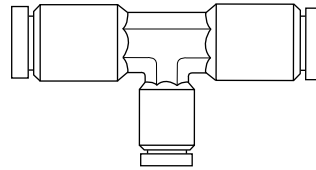
Union Tee

PART NO.	TUBE OD (IN.)
620 6508	1/8
620 6515	5/32
620 6529	1/4
620 6543	3/8
620 6550	1/2



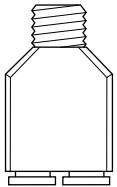
Female Bulkhead Union

PART NO.	TUBE OD (IN.) x FNPTF
620 3743	1/4 x 1/8
620 3757	1/4 x 1/4
620 3862	3/8 x 1/4



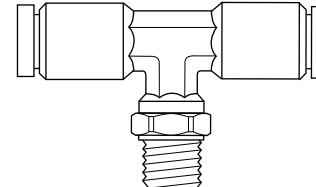
Reducing Union Tee

PART NO.	TUBE OD (IN.) x STEM OD
620 8538	3/8 x 1/4



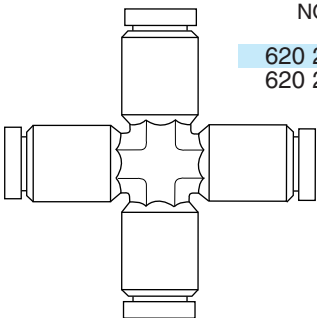
Male 'Y' Adapter

PART NO.	BRANCH TUBE OD (IN.) x STEM NPTF
620 2070	1/4 x 1/4



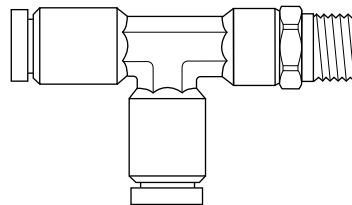
Swivel Male Branch Tee

PART NO.	TUBE OD (IN.) x STEM THREAD
620 7852	1/4 x 1/8 NPTF



4-Way Union Connector

PART NO.	TUBE OD (IN.)
620 2903	1/8
620 2924	1/4



Swivel Male Run Tee†

PART NO.	TUBE OD (IN.) x BRANCH THREAD
620 7110	1/4 x 1/8 NPTF
620 7117	1/4 x 1/4 NPTF

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

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