

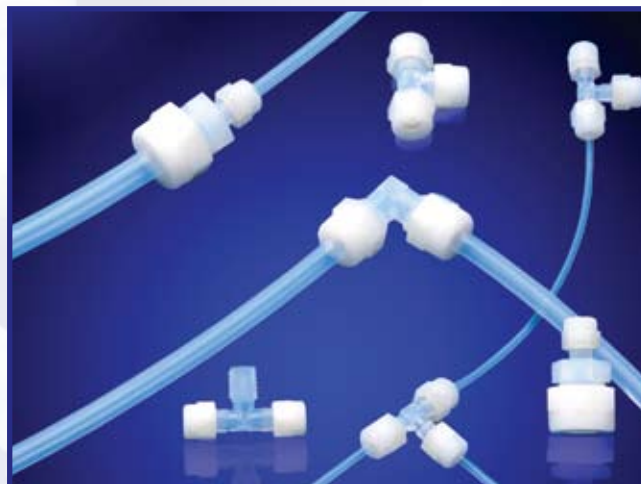
Pharma FluorTM

PharmaFluor[®] PFA Compression Fittings

Saint-Gobain manufactures PFA fittings for handling corrosive or ultra-pure fluids under contamination-free conditions. The PharmaFluor[®] compression fitting line offers PFA purity combined with the robust performance of compression style fittings. These fittings are ideal for gas or pneumatic connections in applications that do not require flared connections. Once tubing has been cut to the desired length, PharmaFluor[®] fittings require no tools for installation. The fittings are available in 1/8", 1/4", 3/8", 1/2", 3/4" and 1" sizes.

We use 100% virgin HP PFA to give you the ultimate in purity and the minimum in contamination. Each PharmaFluor[®] PFA fitting is carefully inspected to ensure quality and reliability in your application and throughout the life of the product. Fluid handling applications in the biomedical, chemical, petrochemical, food processing and semiconductor industries benefit greatly from the use of these fittings.

Whether it be a simple fluid handling system or a complex laboratory layout, PharmaFluor[®] PFA fittings save precious time and money, and provide all the reliability needed to facilitate successful outcomes.

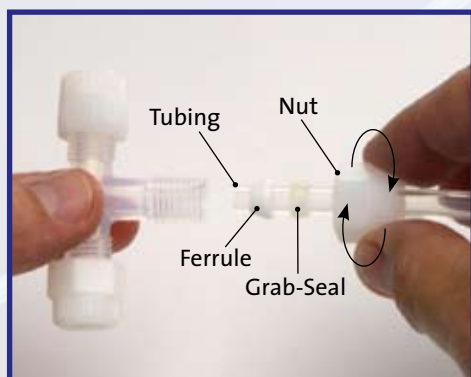


Features/Benefits

- Simple design for ease of installation
- No special tools required
- Accommodates temperatures up to 212°F (100°C)

Materials of Construction

- Body: high purity PFA
- Gripper: PVDF
- Ferrule: PTFE
- Nut: ETFE

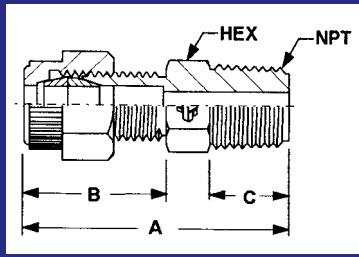


Fitting Installation

1. Cut tubing to desired length.
2. Loosen nut, insert tube.
(your pre-assembled fitting should be ready for use)
3. Tighten nut finger-tight.
4. Your fitting is now ready for use.

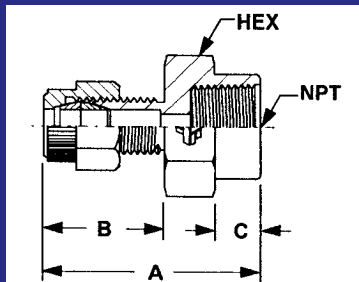
No tools are required, but if you decide to use a mechanical device to tighten it, rotate the nut no more than one turn past finger-tight.

Union Adapter Male Male NPT Threads



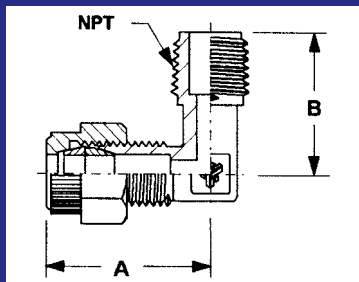
Part Number	O.D Tube Size Inches (mm)	Male NPT Size Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)	Hex Flat Inches (mm)
G1077067	1/8 (3.17)	1/8 (3.17)	0.09 (2.29)	1.40 (35.56)	0.73 (18.54)	0.40 (10.16)	0.45 (11.43)
G1077054	1/8 (3.17)	1/4 (6.35)	0.09 (2.29)	1.50 (38.10)	0.73 (18.54)	0.50 (12.71)	0.50 (12.70)
G1077053	1/4 (6.35)	1/8 (3.17)	0.19 (4.83)	1.47 (37.34)	0.80 (20.32)	0.40 (10.16)	0.44 (11.18)
G1077002	1/4 (6.35)	1/4 (6.35)	0.19 (4.83)	1.58 (40.13)	0.81 (20.57)	0.50 (12.70)	0.50 (12.70)
G1077080	1/4 (6.35)	3/8 (9.52)	0.19 (4.83)	1.67 (42.42)	0.80 (20.32)	0.50 (12.70)	0.68 (17.27)
G1077081	1/4 (6.35)	1/2 (12.70)	0.19 (4.83)	1.80 (45.72)	0.80 (20.32)	0.63 (16.00)	0.87 (22.10)
G1077382	3/8 (9.52)	1/8 (3.17)	0.19 (4.83)	1.61 (40.89)	0.84 (21.34)	0.40 (10.16)	0.68 (17.27)
G1077003	3/8 (9.52)	1/4 (6.35)	0.31 (7.87)	1.71 (43.43)	0.84 (21.34)	0.50 (12.71)	0.68 (17.27)
G1077004	3/8 (9.52)	3/8 (9.52)	0.31 (7.87)	1.71 (43.43)	0.84 (21.34)	0.50 (12.71)	0.68 (17.27)
G1077051	3/8 (9.52)	1/2 (12.70)	0.31 (7.87)	1.84 (46.74)	0.84 (21.34)	0.63 (16.00)	0.87 (22.10)
G1077050	1/2 (12.70)	1/4 (6.35)	0.29 (7.37)	1.81 (45.97)	0.94 (23.88)	0.50 (12.71)	0.87 (22.10)
G1077005	1/2 (12.70)	3/8 (9.52)	0.42 (10.67)	1.81 (45.97)	0.94 (23.88)	0.50 (12.71)	0.87 (22.10)
G1077001	1/2 (12.70)	1/2 (12.70)	0.46 (11.68)	1.95 (49.53)	0.94 (23.88)	0.64 (16.26)	0.87 (22.10)
G1077104	1/2 (12.70)	3/4 (19.05)	0.46 (11.68)	2.18 (55.37)	0.88 (22.35)	0.80 (20.32)	1.12 (28.45)

Union Adapter Female Female NPT Threads



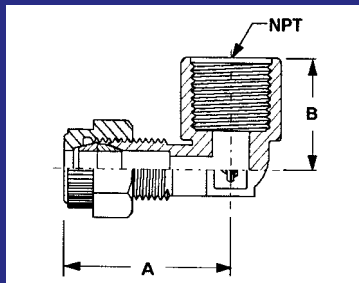
Part Number	O.D Tube Size Inches (mm)	Female NPT Size Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)	Hex Flat Inches (mm)
G1077084	1/4 (6.35)	1/8 (3.17)	0.19 (4.83)	1.38 (35.05)	0.80 (20.32)	0.31 (7.87)	0.56 (14.22)
G1077055	1/4 (6.35)	1/4 (6.35)	0.19 (4.83)	1.52 (38.61)	0.80 (20.32)	0.34 (8.64)	0.94 (23.88)
G1077085	1/4 (6.35)	3/8 (9.52)	0.19 (4.83)	1.48 (37.59)	0.80 (20.32)	0.31 (7.87)	1.00 (25.40)
G1077086	1/4 (6.35)	1/2 (12.70)	0.19 (4.83)	1.57 (39.88)	0.80 (20.32)	0.40 (10.16)	1.13 (28.70)
G1077377	3/8 (9.52)	1/8 (3.17)	0.25 (6.35)	1.52 (38.61)	0.84 (21.34)	0.31 (7.87)	0.69 (17.53)
G1077056	3/8 (9.52)	1/4 (6.35)	0.31 (7.87)	1.53 (38.86)	0.84 (21.34)	0.32 (8.13)	0.94 (23.88)
G1077057	3/8 (9.52)	3/8 (9.52)	0.31 (7.87)	1.52 (38.61)	0.84 (21.34)	0.31 (7.87)	1.00 (25.40)
G1077087	3/8 (9.52)	1/2 (12.70)	0.31 (7.87)	1.61 (40.89)	0.84 (21.34)	0.40 (10.16)	1.13 (28.70)
G1077088	1/2 (12.70)	1/4 (6.35)	0.31 (7.87)	1.61 (40.89)	0.94 (23.88)	0.30 (7.62)	0.88 (22.35)
G1077089	1/2 (12.70)	3/8 (9.52)	0.45 (11.43)	1.63 (41.40)	0.94 (23.88)	0.32 (8.13)	1.13 (28.70)
G1077090	1/2 (12.70)	1/2 (12.70)	0.46 (11.68)	1.73 (43.94)	0.94 (23.88)	0.42 (10.67)	1.13 (28.70)
G1077373	1/2 (12.70)	3/4 (19.05)	0.46 (11.68)	1.82 (46.23)	0.94 (23.88)	0.38 (9.63)	1.38 (35.05)

Elbow Adapter Male Male NPT Threads



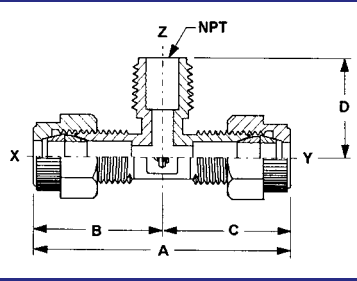
Part Number	O.D Tube Size Inches (mm)	Male NPT Size Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)
G1077072	1/8 (3.17)	1/8 (3.17)	0.09 (2.29)	0.73 (18.54)	0.72 (18.29)
G1077091	1/8 (3.17)	1/4 (6.35)	0.09 (2.29)	0.99 (25.15)	0.78 (19.81)
G1077059	1/4 (6.35)	1/8 (3.17)	0.19 (4.83)	1.05 (26.67)	0.71 (18.03)
G1077007	1/4 (6.35)	1/4 (6.35)	0.19 (4.83)	1.05 (26.67)	0.97 (24.64)
G1077321	1/4 (6.35)	3/8 (9.52)	0.19 (4.83)	1.16 (29.46)	0.85 (21.59)
G1077323	3/8 (9.52)	1/8 (3.17)	0.19 (4.83)	1.19 (30.23)	0.85 (21.59)
G1077008	3/8 (9.52)	1/4 (6.35)	0.31 (7.87)	1.19 (30.23)	0.95 (24.13)
G1077009	3/8 (9.52)	3/8 (9.52)	0.31 (7.87)	1.18 (29.97)	1.05 (26.67)
G1077094	3/8 (9.52)	1/2 (12.70)	0.31 (7.87)	1.28 (32.51)	1.13 (28.70)
G1077058	1/2 (12.70)	1/4 (6.35)	0.31 (7.87)	1.28 (32.51)	1.13 (28.70)
G1077010	1/2 (12.70)	3/8 (9.52)	0.42 (10.67)	1.28 (32.51)	1.13 (28.70)
G1077012	1/2 (12.70)	1/2 (12.70)	0.46 (11.68)	1.36 (34.54)	1.13 (28.70)
G1077105	1/2 (12.70)	3/4 (19.05)	0.46 (11.68)	1.57 (39.88)	1.50 (38.10)

Elbow Adapter Female Female NPT Threads



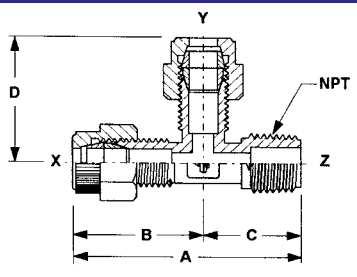
Part Number	O.D Tube Size Inches (mm)	Female NPT Size Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)
G1077317	1/4 (6.35)	1/4 (6.35)	0.09 (2.29)	1.27 (32.26)	0.80 (20.32)
G1077318	3/8 (9.52)	1/4 (6.35)	0.31 (7.87)	1.32 (33.53)	1.00 (25.40)
G1077095	3/8 (9.52)	3/8 (9.52)	0.31 (7.87)	1.40 (35.56)	1.00 (25.40)
G1077316	3/8 (9.52)	1/2 (12.70)	0.31 (7.87)	1.59 (40.39)	1.12 (28.45)
G1077322	1/2 (12.70)	3/8 (9.52)	0.44 (11.18)	1.50 (38.10)	1.12 (28.45)
G1077096	1/2 (12.70)	1/2 (12.70)	0.40 (10.16)	1.63 (41.40)	1.25 (31.75)

Male Branch Tee Male NPT Threads



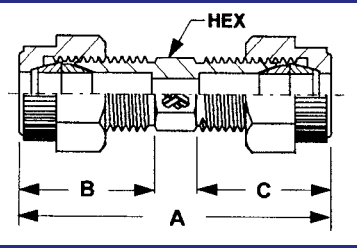
Part Number	O.D Tube Size (X) Inches (mm)	O.D Tube Size (Y) Inches (mm)	Male NPT Size (Z) Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)	D Inches (mm)
G1077097	1/8 (3.17)	1/8 (3.17)	1/8 (3.17)	0.09 (2.29)	1.86 (47.24)	0.93 (23.62)	0.93 (23.62)	0.78 (19.81)
G1077047	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	0.19 (4.83)	2.10 (53.34)	1.05 (26.67)	1.05 (26.67)	0.93 (23.62)
G1077049	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	0.31 (7.78)	2.38 (60.45)	1.19 (30.23)	1.19 (30.23)	0.94 (23.88)
G1077100	1/2 (12.70)	1/2 (12.70)	1/2 (12.70)	0.44 (11.18)	2.78 (70.61)	1.39 (35.31)	1.39 (35.31)	1.23 (31.24)

Male Run Tee Male NPT Threads



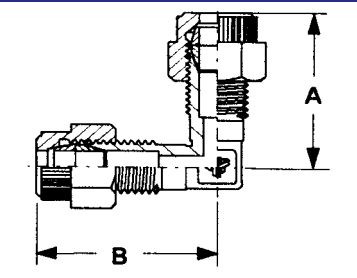
Part Number	O.D Tube Size (X) Inches (mm)	O.D Tube Size (Y) Inches (mm)	Male NPT Size (Z) Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)	D Inches (mm)
G1077101	1/8 (3.17)	1/8 (3.17)	1/8 (3.17)	0.09 (2.29)	1.70 (43.18)	0.92 (23.37)	0.78 (19.81)	0.92 (23.37)
G1077039	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	0.19 (4.83)	1.90 (48.26)	1.05 (26.67)	0.85 (21.59)	1.05 (26.67)
G1077041	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	0.31 (7.87)	2.13 (54.10)	1.19 (30.23)	0.94 (23.88)	1.19 (30.23)
G1077338	1/2 (12.70)	1/2 (12.70)	1/2 (12.70)	0.44 (11.18)	2.62 (66.55)	1.39 (35.31)	1.23 (31.24)	1.39 (35.31)

Straight Union



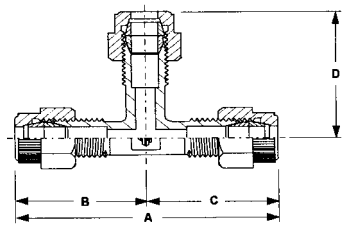
Part Number	O.D Tube Size Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)	Hex Flat Inches (mm)
G1077070	1/8 (3.17)	0.09 (2.29)	1.84 (46.74)	0.73 (18.54)	0.73 (18.54)	0.38 (9.65)
G1077019	1/4 (6.35)	0.19 (4.83)	1.87 (47.50)	0.80 (20.32)	0.80 (20.32)	0.38 (9.65)
G1077020	3/8 (9.52)	0.31 (7.87)	2.05 (52.07)	0.84 (21.34)	0.84 (21.34)	0.68 (17.27)
G1077021	1/2 (12.70)	0.44 (11.18)	2.23 (56.64)	0.93 (23.62)	0.93 (23.62)	0.87 (22.10)

Union Elbow



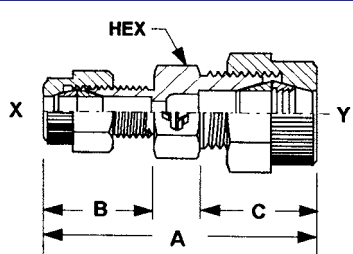
Part Number	O.D Tube Size Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)
G1077071	1/8 (3.17)	0.09 (2.29)	0.94 (23.88)	0.94 (23.88)
G1077023	1/4 (6.35)	0.19 (4.83)	1.19 (30.23)	1.19 (30.23)
G1077024	3/8 (9.52)	0.31 (7.87)	1.31 (33.27)	1.31 (33.27)
G1077025	1/2 (12.70)	0.44 (11.18)	1.47 (37.34)	1.47 (37.34)

Union Tee



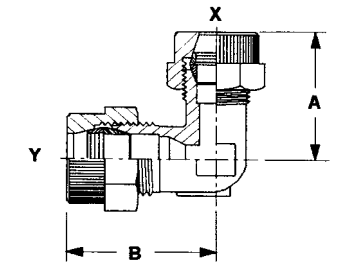
Part Number	O.D Tube Size Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)	D Inches (mm)
G1077066	1/8 (3.17)	0.09 (2.29)	1.86 (47.24)	0.93 (23.62)	0.93 (23.62)	0.93 (23.62)
G1077027	1/4 (6.35)	0.19 (4.83)	2.28 (57.91)	1.14 (28.96)	1.14 (28.96)	1.35 (34.29)
G1077028	3/8 (9.52)	0.31 (7.87)	2.38 (60.45)	1.19 (30.23)	1.19 (30.23)	1.19 (30.23)
G1077029	1/2 (12.70)	0.44 (11.18)	3.16 (80.26)	1.58 (40.13)	1.58 (40.13)	1.58 (40.13)

Straight Union Reducer



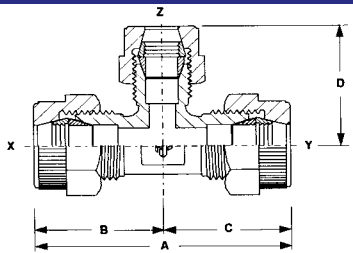
Part Number	O.D Tube Size (X) Inches (mm)	O.D Tube Size (Y) Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)	D Hex Flat
G1077060	1/8 (3.17)	1/4 (6.35)	0.09 (2.29)	1.80 (45.72)	0.73 (18.54)	0.81 (20.57)	0.38
G1077061	1/4 (6.35)	3/8 (9.52)	0.19 (4.83)	2.01 (51.05)	0.80 (20.32)	0.84 (21.34)	0.68
G1077062	1/4 (6.35)	1/2 (12.70)	0.19 (4.83)	2.11 (53.59)	0.80 (20.32)	0.94 (23.88)	0.93
G1077063	3/8 (9.52)	1/2 (12.70)	0.31 (7.87)	2.15 (54.61)	0.84 (21.34)	0.94 (23.88)	0.87
G1077103	1/2 (12.70)	3/4 (19.05)	0.70 (17.78)	2.51 (63.75)	0.94 (23.88)	1.07 (27.18)	1.375

Union Elbow Reducer



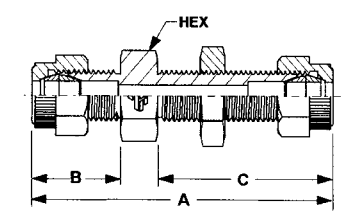
Part Number	O.D Tube Size (X) Inches (mm)	O.D Tube Size (Y) Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)
G1077388	1/8 (3.17)	1/4 (6.35)	0.09 (2.29)	1.00 (25.40)	1.08 (27.43)
G1077387	1/4 (6.35)	3/8 (9.52)	0.19 (4.83)	1.16 (29.46)	1.25 (31.75)
G1077390	3/8 (9.52)	1/2 (12.70)	0.31 (7.87)	1.36 (34.54)	1.44 (36.58)
G1077386	1/4 (6.35)	1/2 (12.70)	0.25 (6.35)	1.30 (33.02)	1.44 (36.58)
G1077384	1/2 (12.70)	3/4 (19.05)	0.44 (11.18)	1.74 (44.20)	1.81 (45.97)

Union Tee Reducer



Part Number	O.D. Tube Size (X) Inches (mm)	O.D. Tube Size (Y) Inches (mm)	O.D. Tube Size (Z) Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)	D Inches (mm)
G1077395	3/8 (9.52)	3/8 (9.52)	1/4 (6.35)	0.19 (4.83)	2.40 (60.96)	1.20 (30.48)	1.20 (30.48)	1.16 (29.46)
G1077392	1/2 (12.70)	1/2 (12.70)	1/4 (6.35)	0.19 (4.83)	2.80 (71.12)	1.40 (35.56)	1.40 (35.56)	1.32 (33.53)
G1077393	1/2 (12.70)	1/2 (12.70)	3/8 (9.52)	0.31 (7.87)	2.80 (71.12)	1.40 (35.56)	1.40 (35.56)	1.36 (34.54)

Straight Union Panel



Part Number	O.D Tube Size Inches (mm)	Orifice Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)	Hex Flat Inches (mm)
G1077068	1/8 (3.17)	0.09 (2.29)	2.80 (71.12)	0.73 (18.54)	1.69 (42.93)	0.58 (14.73)
G1077013	1/4 (6.35)	0.19 (4.83)	2.92 (74.17)	0.80 (20.32)	1.75 (44.45)	0.68 (17.27)
G1077014	3/8 (9.52)	0.31 (7.87)	3.04 (77.22)	0.84 (21.34)	1.83 (46.48)	0.94 (23.88)
G1077015	1/2 (12.70)	0.44 (11.18)	3.16 (80.26)	0.93 (23.62)	1.86 (47.24)	1.12 (28.45)

PharmaFluor® is a registered trademark.

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