



Brass Compression Tube Fittings for Air, Liquids & Chemicals
















Fittings are suitable for use in air, liquid, and chemical applications. They tighten with basic tools and can be used with multiple tubing materials in low-pressure fluid applications. Fittings include preassembled bodies, nuts, and sleeves for quick installations. Sleeves grip tubing as the nut tightens and compresses the sleeve for a tight seal.















Low-Lead Fittings—Suitable for high-pressure use with potable water.

Captive Sleeve Fittings—Preassembled with a captive sleeve that is always oriented for correct installation. This sleeve allows visual inspection before and after installation and helps to seal even out-of-round tubing.

Copolymer Fittings—Acetal copolymer sleeves add resilience to fittings, plus resist added creeping or stress caused during compression. They resist ultraviolet rays and are suitable with thermoplastic and soft metal tubing in machine tools, packaging, and car wash and dental equipment.



	For Tube OD (in.)	Pipe Size (in.)	Thread Size	L (in.)	Max. Oper. Press. (PSI)	Max. Oper. Temp. (°F)	Item No.	Pkg. Qty.
Standard Sleeve Brass Compression Fittings								
90° Elbow Adapter, Compression x MNPT								
	1/4	1/8	1/16-24	2 1/32	1,400	200	2P249	10
	1/4	1/8	1/16-24	3/8	1,400	200	1VDG6	10
	3/8	3/8	9/16-24	1 1/32	1,000	200	1VDH5	10
	1/2	1/2	9/16-24	1 1/32	1,000	200	2P253	10
	1/2	1/2	1 1/16-20	1 1/32	750	200	2P255	10
	1/4	—	7/16-24 x 7/16-24	3/8	1,400	200	2P226	10
	3/8	—	9/16-24 x 9/16-24	1 1/32	1,000	200	2P227	10
	3/8	—	1 3/16-18 x 1 3/16-18	1 1/32	650	200	1VDF5	10
Nut, Compression								
	1/4	—	7/16-24	3/16	300	250	2P215	10
	3/8	—	9/16-24	1 1/32	200	250	2P216	10
	1/2	—	1 1/16-20	3/8	200	250	2P217	10
Sleeve, Compression								
	3/16	—	—	7/32	400	250	1VC23	10
	1/4	—	—	1/4	300	250	2P211	10
	3/8	—	—	1/4	200	250	2P212	10
Straight Adapter, Compression x FNPTF								
	3/8	3/8	9/16-24	1 1/32	1,000	200	2P232	10
	1/2	3/8	1 1/16-20	1 1/32	750	200	2P233	10
	3/8	1/2	9/16-24	1 1/32	1,000	200	1VDD4	10
Straight Adapter, Compression x MNPT								
	1/4	1/8	7/16-24	1 3/32	1,400	200	2P237	10
	5/16	1/4	1/2-24	1 1/32	1,200	200	1VDE6	10
	1/4	1/4	7/16-24	1 3/16	1,400	200	2P238	10
	3/8	1/4	9/16-24	1 1/32	1,000	200	2P239	10
	1/2	3/8	9/16-24	1 1/16	1,000	200	2P240	10
	1/2	3/8	1 1/16-20	1 1/32	750	200	2P242	10
	3/8	1/2	9/16-24	1 1/32	1,000	200	2P241	10
	1/2	1/2	1 1/16-20	1 2/32	750	200	2P243	10
Straight Bulkhead Union, Compression x Compression								
	1/4	—	7/16-24 x 7/16-24	2 3/32	1,400	200	1VDB7	10
	3/8	—	9/16-24 x 9/16-24	2 1/32	1,000	200	1VDB8	10
Straight Connector, Compression x Compression								
	1/8	—	7/16-24 x 9/16-24	1 1/16	2,800	200	1VDB1	10
	1/4	—	7/16-24 x 7/16-24	1 1/32	1,400	200	2P218	10
	3/8	—	9/16-24 x 9/16-24	1 1/32	1,000	200	2P219	10
	1/2	—	1 1/16-20 x 1 1/16-20	1 2/32	750	200	2P220	10
	3/8	—	1 3/16-18 x 1 3/16-18	2 1/16	650	200	2P221	10
	1/2	—	1 1/16-20 x 1 1/16-20	1 1/32	750	200	2P224	10
Tee, Compression x Compression x Compression								
	3/16	—	3/8-24	1 1/16	400	250	1VDF2	10
	1/4	—	7/16-24	1 2/32	300	250	2P222	10
	3/8	—	9/16-24	2 1/16	200	250	2P223	10
	1/2	—	—	2 1/16	200	250	2P224	10
Standard Sleeve Low-Lead Brass Compression Fitting								
Cap, Compression								
	1/2	—	3/4-16	—	200	250	20XM94†	1
	3/4	—	9/16-20	—	300	250	20XM91†	1
	3/8	—	9/16-24	—	200	250	20XM93†	1
Straight Adapter, Compression x MNPT								
	1/4	1/4	7/16-24	1 1/16	1,400	200	5KNF3	1
	1/4	1/4	9/16-24	1 3/8	1,000	200	5KNF4	1
	3/8	3/8	9/16-24 x 3/8-18	—	200	250	46M551†	1
	1/2	1/2	9/16-24 x 1/2-14	—	200	250	46M550†	1
	1/2	1/2	1 1/16-20 x 1/2-14	—	200	250	46M548†	1
	7/8	3/4	1 1/8-18 x 3/4-14	—	120	250	20XM60†	1
Straight Connector, Compression x Compression								
	1/4	—	7/16-24 x 7/16-24	—	300	250	46M566†	1
	3/8	—	9/16-24 x 9/16-24	—	200	250	46M564†	1
	7/8	—	1 1/8-18 x 1 1/8-18	—	120	250	20XM30†	1
Straight Reducing Connector, Compression x Compression								
	1/4, -3/8	—	9/16-24 x 7/16-24	—	200	250	20XM98†	1
	3/8 x 1/4	9/16-24 x 9/16-24 x 7/16-24	1 1/8	125	160	1RLX5	†	1
Supply Stop Extender Tee, Compression x MNPT x MNPT								
	3/8	3/8	9/16-24 x 9/16-24 x 9/16-24	1 1/8	125	160	1RLX6	†
	3/8	3/8	9/16-24 x 9/16-24 x 9/16-24	1 1/8	125	160	1RLX6	†

	For Tube OD (in.)	Pipe Size (in.)	Thread Size	L (in.)	Max. Oper. Press. (PSI)	Max. Oper. Temp. (°F)	Item No.	Pkg. Qty.
Tee, Compression x Compression x Compression								
	1/4	—	7/16-24	1 3/8	300	250	46M561†	1
	3/8	—	9/16-24	1 3/8	200	250	46M560†	1
Captive Sleeve Brass Compression Fittings								
45° Elbow Adapter, Compression x MNPT								
	1/4	1/4	7/16-24	1 3/16	1,400	200	1VDP6	10
	1/4	1/8	7/16-24	2 1/32	1,400	200	6LG50	50
	1/4	1/8	7/16-24	3 1/32	1,000	200	6LG54	10
	3/8	1/4	9/16-24	1 5/16	1,000	200	6LG55	25
	1/2	3/8	9/16-24	3 1/32	1,000	200	6LG10	25
	1/2	3/8	1 1/16-20	1 5/32	750	200	6LG14	10
90° Elbow, Compression x Compression								
	3/8	—	9/16-24 x 9/16-24	3 1/32	1,000	200	6LF92	10
	1/2	—	1 1/16-20 x 1 1/16-20	1 5/32	750	200	6LF93	10
Nut/Sleeve, Compression								
	1/8	—	9/16-24	3/8	2,800	250	6LH14	100
	1/4	—	7/16-24	1 3/32	2,800	250	6LH16	100
	3/8	—	9/16-24	1 5/32	2,800	250	6LH18	100
Straight Adapter, Compression x MNPT								
	1/4	1/8	7/16-24	1 3/32	1,400	200	6LJ04	100
	3/8	1/4	9/16-24	1 3/8	1,000	200	6LJ11	100
	1/2	3/8	9/16-24	1 1/16	1,000	200	6LJ12	25
	1/2	3/8	1 1/16-20	1 1/16	750	200	6LJ15	25
	1/8	3/4	1 1/8-18	1 2/32	450	200	6LH97	10
	1/4	—	—	1 5/32	150	90	2GUJ8	1
	1/4	—	—	1 1/32	150	90	2GUJ9	1
	1/4	—	7/16-24 x 9/16-24	1 3/8	1,400	200	6LH26	50
	5/16	—	1/2-24 x 1/2-24	1 5/16	1,200	200	6LH28	50
	3/8	—	9/16-24 x 9/16-24	1 1/32	1,000	200	6LH29	50
	1/2	—	1 1/16-20 x 1 1/16-20	1 1/32	750	200	6LH31	25
	1/2	—	1 1/16-20 x 1 1/16-20	1 1/32	750	200	6LH32	10
Copolymer Sleeve Brass Compression Fittings								
90° Elbow Adapter, Compression x MNPT								
	1/4	1/8	3/8-24	2 1/32	150	150	1VPF1	10
	3/8	1/4	1/2-24	1	150	150	1VPF5	10
	1/4	1/4	3/8-24	2 3/32	150	150	1VPF2	10
Nut, Compression								
	1/4	—	3/8-24	3/8	150	150	1VPA8	10
	1/4	1/8	3/8-24	1 1/16	150	150	1VPD8	10
	3/8	1/4	1/2-24	1 3/32	150	150	1VPE4	10
	1/4	1/4	3/8-24	1 1/4	150	150	1VPD9	10
	3/8	3/8	1/2-24	1 3/32	150	150	1VPE5	10
	1/4	—	3/8-24 x 3/8-24	1 3/32	150	150	1VPB9	10
	3/8	—	1/2-14 x 1/2-14	1 1/4	150	150	1VPC2	10
	1/2	—	1 1/16-20 x 1 1/16-20	1 5/32	150	150	1VPC3	10
Tee, Compression x Compression x Compression								
	1/4	—	3/8-24	1 1/16	150	150	1VPF9	10
	3/8	—	1/2-24	1 2/32	150	150	1VPG2	10

† Approved vendor.