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Brass and Lead-Free Brass 45° and Flare Fittings



Tube Size	Pipe Size - Pipe Fitting	Male Connector Item No.	Tube Size	Pipe Size - Pipe Fitting	Flare Thread Size	Male Connector Item No.	Tube Size	Flare Thread Size	Male Union Item No.	Plug Item No.	Tube Size	Flare Thread Size	Cap Item No.	Forged Nut Item No.	Short Nut Item No.
Lead-Free, MNPT x Flare			Lead-Free, Male Flare x MNPT			Lead-Free, Male Flare			Lead-Free, Female Flare						
1/8 in	3/8 in	20XN28 †	1/4 in	1/2 in	1/8-20	46M522 †	1/4 in	1/8-20	46M525 †	—	1/4 in	1/8-20	46M528 †	46M534 †	46M537 †
Lead-Free, Threaded			Lead-Free, Male Flare x MNPT			Lead-Free, Male Flare			Lead-Free, Female Flare						
1/2 in	1/4 in	19H210 †	1/4 in	1/4 in	1/8-20	46M521 †	3/8 in	3/8-18	46M524 †	46M530 †	3/8 in	3/8-18	46M527 †	46M533 †	46M536 †
Lead-Free, Flare			Lead-Free, Male Flare x MNPT			Lead-Free, Male Flare			Lead-Free, Female Flare						
1/2 in	3/8 in	19H211 †	1/4 in	1/2 in	—	20XN48 †	1/2 in	1/4-16	46M523 †	46M529 †	1/2 in	3/4-16	46M526 †	46M532 †	46M535 †
1/2 in	1/2 in	19H212 †	1/4 in	3/8 in	1/8-20	46M520 †	3/8 in	3/8-18	46M518 †	—	3/8 in	3/8-18	46M526 †	46M532 †	—
Swivel Connector			Female Coupling			Reducer			Lead-Free, Female Flare						
Tube Size	Item No.	Tube Size	Item No.	Tube Size	Item No.	Tube Size	Item No.	Tube Size	Item No.	Tube Size	Item No.	Tube Size	Item No.	Tube Size	Item No.
Lead-Free, Flare			Lead-Free			Lead-Free			Lead-Free, Female Flare						
1/4 in	20XN42 †	3/8 in	20XN46 †	3/8 in	20XN43 †	3/8 in	20XN47 †	1/2 in	20XN44 †	3/8 in	20XN45 †	1/2 in	19H215 †	—	—

† Sold in pkg. of 1.

316 Stainless Steel 37° Flare Tube Fittings

Temp. range: -160° to 1200°F
Superior chemical, water, and corrosion resistance for extreme applications. Good sealing reliability. Use as an adapter to hose assemblies, or as a tube fitting with flared stainless seamless or welded tubing.

Suitable for chemical plants, food plants, hydraulic applications, manufacturing facilities, water treatment plants, and beverage plants. Meet SAE J514.



Tube Size	Flare Thread Size	Max. Pressure	Cap. JIC Item No.	Male Connector, Flare x MNPT Item No.	Male Elbow, 90°, Flare x JIC Item No.	Male Elbow, 90°, Flare x MNPT Item No.	Male Plug, 37°, Flare x JIC Item No.	Male Straight Union, Flare x Flare Item No.	Tube Nut, JIC Item No.	Tube Sleeve, Flare x JIC Item No.	Thread Size	Hose Fitting A Size	Hose Fitting B Size	Max. Working Pressure @ 70°F	90° Elbow Item No.	Straight Item No.
Approved Vendor																
1/4 in	1/8-20	6000 psi	1LNT8	—	1LNT1	—	1LNU6	1LNK7	1LNV4	1LNW2	1/4"-27	1/4"	1/4"	4,000 psi	4HM24	—
3/8 in	1/2-20	6000 psi	1LNT9	—	1LNT2	—	1LNU7	1LNK8	1LNV5	1LNW3	1/4"-27	1/4"	1/4"	4,500 psi	—	4HM23
1/2 in	3/4-16	6000 psi	1LNU1	—	1LNT3	—	1LNU8	1LNK9	1LNV6	1LNW4	1/4"-18	1/4"	1/4"	4,500 psi	4HM22	4HM21
3/8 in	3/8-16	6000 psi	1LNU2	—	1LNT4	—	1LNU9	1LNK1	1LNV7	1LNW5	1/4"-18	1/4"	3/8"	4,000 psi	4HM26	4HM25
1/2 in	1/2-14	5000 psi	1LNU3	—	1LNT5	—	1LNV1	1LNL2	1LNV8	1LNW6	3/8"-18	3/8"	1/2"	4,000 psi	4HM30	4HM29
3/4 in	1 1/8-12	4800 psi	1LNU4	—	1LNT6	—	1LNV2	1LNL3	1LNV9	1LNW7	3/8"-18	3/8"	1/2"	4,000 psi	4HM28	4HM27
1 in	1 1/2-12	3000 psi	1LNU5	—	—	—	—	—	—	—	1/2"-14	1/2"	1/2"	4,000 psi	4HM34	4HM33
1 in	1 1/2-12	3500 psi	—	1LNH3	1LNT7	1LNH4	1LN3	1LNL4	1LNW1	1LNW8	1/2"-14	1/2"	3/4"	3,000 psi	4HM32	4HM31
—	—	—	—	—	—	—	—	—	—	—	3/4"-14	3/4"	3/4"	3,000 psi	4HM18	4HM17

Poly-Tite Brass Compression Fittings



Max. pressure: 150 psi
Temp. range: 0° to 150°F
Pkg. qty.: 10
Preassembled body, nut, and sleeve allow fast, convenient installation. An exclusive sleeve grips plastic tubing up to 150 psi. Nuts rotate around tubing as it tightens. Acetal copolymer sleeve with brass nut (1VPA8 to 1VPB2) resists creeping and compression stress. For use with thermoplastic tubing in pneumatic and liquid applications.

Tube Size	Pipe Size - Pipe Fitting	Male Elbow, 90° Item No.	Female Connector Item No.	Male Connector Item No.	Male Run Tee Item No.	Male Branch Tee Item No.
1/4 in	1/8 in	1VPF1	1VPC9	1VPD8	1VPG4	1VPG9
1/4 in	1/4 in	1VPF2	1VPD1	1VPD9	1VPG5	—
1/4 in	1/4 in	—	—	—	—	1VPH1
3/8 in	1/8 in	1VPF3	1VPD2	1VPE1	—	1VPH2
3/8 in	1/4 in	—	—	1VPE2	—	—
3/8 in	1/2 in	1VPF4	—	1VPE3	—	5UNN1
3/8 in	3/4 in	1VPF5	1VPD3	1VPE4	1VPG6	—
3/8 in	1/2 in	—	—	—	—	1VPH3
3/8 in	3/8 in	1VPF6	—	1VPE5	—	—
1/2 in	3/8 in	1VPF7	1VPD4	1VPE6	—	1VPH4

Tube Size	Acetal Sleeve Item No.	Nut and Acetal Sleeve Item No.	Nut and Brass Sleeve Item No.	Sleeve Item No.	Union Item No.	Union Tee Item No.	Tube Size (Tube OD x Wall Thickness)	Insert Item No.
1/4 in	1VN25	1VPA8	1VPB3	1VPA2	1VPB9	1VPF9	1/8 in x 3/64 in	1VPC4
3/8 in	1VN26	1VPA9	1VPB4	1VPA3	1VPC1	1VPG1	3/16 in x 1/64 in	1VPC6
3/8 in	1VN27	1VPB1	1VPB5	1VPA4	1VPC2	1VPG2	3/16 in x 1/64 in	1VPC7
1/2 in	1VN28	1VPB2	1VPB6	1VPA5	1VPC3	1VPG3	3/16 in	—