

O-Rings/Gaskets

Replacement Parts

• Made in the USA 



P90009



P90010



P90012



P90016



A10974

PART NO.	QTY.	DESCRIPTION
A10974	1	O-ring/Gasket Removal Tool
A10974-BX	12	O-ring/Gasket Removal Tool Display Box NEW
P325	2	1/4" and 5/16" replacement gaskets for A32525N (1 each)
P509	6	1/4" Gasket for quick couplers, gasket caps (6 pack)
P509-25	25	1/4" Gasket for quick couplers, gasket caps (25 pack)
P510	6	1/4" CLA Series R134a gasket (6 pack)
P511	6	Gasket for 1/4" CLE, CLV, CLBV Series hose (6 pack)
P511-10	10	Gasket for 1/4" CLE, CLV, CLBV Series hose (10 pack)
P90008	5	Gasket for 1/2" heavy-duty black charging hose (5 pack)
P90009	10	1/4" O-ring for couplers, vacuum pumps and flexible metal hose (10 pack)
P90010	5	1/4" O-ring for access valves and liquid charging adapters, 1/4" caps (5 pack)
P90011	5	5/16" O-ring for liquid charging adapters (5 pack)
P90012	10	3/8" O-ring for couplers, vacuum pumps and flexible metal hose (10 pack)
P90016	10	Gasket for 3/8" hose (10 pack)
P90022	10	O-ring for T21295 and 33112RK (10 pack)
P90513	5	1/4" Spring type clip depressor for coupler; used with P509 (5 pack)
P90514	5	1/4" Depressor for CLE, CLV and CLBV Series used with P511 (5 pack)



P90513



P509



P90514



P511



A10974-BX

American-made Brass

SAE 45° Flared Tube Fittings

JB fittings are for use with copper, brass, aluminum, steel and plastic tube provided an acceptable flare can be generated with the material.

Vacuum and pressures of 5,000 psi can be handled depending upon the size, material and conditions. Using a 4:1 safety factor, the following general rule (excluding plastic tube) is used:

3,000 psi to 1/4" 2,000 psi to 1/2" 1,500 psi to 1"

Long nuts are recommended when vibration is a factor. Tubing should be double-flared in extreme applications to minimize flare thinning on over-tightening.

Fittings listed generally comply with SAE, ASA, ASME and MS standards; however, when design makes dimensions critical, please contact customer service for samples and/or prints for testing and evaluation.

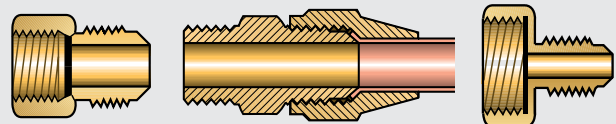
Tube sizes listed are OD (outside diameter). To determine nominal (water tube) size, subtract 1/8", thus 5/8" OD equals 1/2" nominal. Pipe sizes listed are standard nominal pipe size and threads are to dry seal taper pipe standards. JB will provide flare fitting to SAE Standard J513 whenever possible. In some cases slight deviations will occur when full compliance fittings are not available.

Heavy-duty ACR tube fittings generally conform to SAE, ASA and AHRI Standards for hydraulic, marine and refrigeration service. Long dry seal pipe threads minimize leakage and provide more clearance for tightening flare nuts. Shapes, elbows, tees, etc. are made from brass forgings to maximize strength and eliminate cracks.

Assembly Instructions

1. Cut tube square and remove cut-off burr
 2. Slide nut on tube, threaded end facing end of tube
 3. Flare tube following flaring tool manufacturers instructions (check flare quality)
 4. Thread nut on to fitting body "hand tighten"
 5. With proper wrench, tighten to a solid feel
- CAUTION: Over-tightening and dirt can damage fittings and/or tube causing leaks.

NOTE: Lubrication of flare faces and threads is recommended when practical.



Copper seal gaskets (B2) series furnished with all female flares

Fiber gaskets (K1 and D/E) furnished with all drum adapters (K1-1 through 8)

THREAD SIZE OF TUBE ENDS			
OD TUBE	SAE - FLARE	OD TUBE	SAE FLARE
1/8"	5/16" - 24	1/2"	3/4" - 16
3/16"	3/8" - 24	5/8"	7/8" - 14
1/4"	7/16" - 20	3/4"	1-1/16" - 14
5/16"	1/2" - 20	7/8"	1-1/4" - 12
3/8"	5/8" - 18	1"	1-3/8" - 12
7/16"	11/16" - 16	—	—

TORQUE POUNDS FOR FLARE FITTING (DRY THREAD)	
SIZE	FT/LBS
1/4"	8-10
3/8"	15-25
1/2"	25-35
5/8"	40-55
3/4"	50-60

