

Compression Fittings

Applications

- For use with copper, aluminum, and Parflex thermoplastic tubing¹
- Not recommended for steel tubing or applications using gaseous media

Features

- No flaring, soldering, or other preparation of tubing necessary to assemble
- Manufactured for connection to low and medium-pressure tubing connection work where excessive vibration or tube movement is not involved

Approvals

- UL listed for flammable liquid
- Compression fittings meet functional requirements of SAE J-512 and ASA

Assembly Instructions

1. Slide nut, then sleeve, onto tubing. The thread end of the nut must face outward.
2. Insert the tube into the fitting. Be sure the tube is bottomed on the fitting shoulder.
3. Assemble nut to body, then tighten hand-tight. Then follow the number of wrench turns as indicated in the table below.

Fitting Size	Tube O.D.	Tube Wall	Turns required to seal from hand-tight		PSI at 73°F (23°C)
			60C Series with soft metal tubing	60PT Series with thermoplastic tubing ¹	
2	1/8"	.030	1-1/4	---	400
3	3/16"		1-1/4	---	400
4	1/4"		1-1/4	2	300
5	5/16"	.032	1-1/4	2	300
6	3/8"		2-1/4	2	200
8	1/2"		2-1/4	2	200
10	5/8"	.035	2-1/4	2	150
12	3/4"		2-1/4	2	100
14	7/8"		2-1/4	---	75

¹ Acetal sleeves (60PT) and inserts (63PT) allow for standard compression fittings to be used with industrial grades of thermoplastic tubing.

Male Connectors

Feature

- Reference SAE 060102 BA

Tube O.D. Size	Pipe Thread	Brass Part #
1/8"	1/8"	68C-0202
3/16"	1/8"	68C-0302
	1/4"	68C-0304
1/4"	1/8"	68C-0402
	1/4"	68C-0404
	3/8"	68C-0406
	1/2"	68C-0408
5/16"	1/8"	68C-0502
	1/4"	68C-0504
3/8"	1/8"	68C-0602
	1/4"	68C-0604
	3/8"	68C-0606
7/16"	1/2"	68C-0608
	1/4"	68C-0704
1/2"	1/4"	68C-0804
	3/8"	68C-0806
	1/2"	68C-0808
5/8"	3/8"	68C-1006
	1/2"	68C-1008
	3/4"	68C-1012
3/4"	1/2"	68C-1208
	3/4"	68C-1212
7/8"	3/4"	68C-1412

