



The Right Connection®

Data Sheet

# Compression Fittings



**Compression Fittings**

- 60C Sleeve
- 60PT Delrin® Sleeve
- 61C Nut
- 61CL Long Nut
- 62C Union
- 62CBH Bulkhead Union
- 63PT Brass Insert
- 66C Female Connector
- 68C Male Connector
- 164C/264C Union Tee
- 165C Union Elbow
- 169C/269C Male Elbow
- 170C Female Elbow
- 171C Male Run Tee
- 172C Male Branch Tee
- 176C Adapter Tee
- 177C Female Branch Tee
- 179C 45° Elbow
- 639C Seal Plug
- 682C Straight Thru Tank Fitting

**Compliances:**

- Meets functional requirements of SAE J512
- Reference: 060101BA, 060102BA, 060103BA, 060110, 060111, 060115, 060201BA, 060202BA, 060203BA, 060401BA, 060424BA

**Compatible Piping Products:**

- Annealed copper, aluminum or thermoplastic

**Materials:**

- Brass: Alloy 360 and 230 for straight fittings
- Brass: Alloy 377 for forged shapes

**Performance:**

- Working pressure at 73°F, refer to the following table:

PSI	Tube OD (inches)	Tube Wall (inches)
400	1/8	.030
400	3/16	.030
300	1/4	.030
300	5/16	.032
200	3/8	.032
200	1/2	.032
150	5/8	.035
100	3/4	.035
75	7/8	.035

- Temperature: from -65°F to +250°F with soft metal tubing and manufacturer's recommendations for thermoplastic tubing.

**Applications / Markets:**

- Low and medium pressure tubing connection work where excessive vibration or tube movement is not involved. Long nut recommended for additional vibration resistance.
- Non-potable water service

**Assembly Guide:**

- Slide nut then sleeve onto tubing with thread end of nut facing out.
- Insert tube into fitting ensuring that tube has bottomed out in the fitting body.
- Assemble nut to fitting body and hand-tighten. Wrench tighten per the following table:

*Turns required to seal from hand-tight:*

Fitting Size	Tube Size	60 Series with Soft Metal Tubing	60PT Series with Thermoplastic Tubing
2	1/8	1-1/4	-
3	3/16	1-1/4	-
4	1/4	1-1/4	2
5	5/16	1-1/4	2
6	3/8	2-1/4	2
8	1/2	2-1/4	2
10	5/8	2-1/4	2
12	3/4	2-1/4	2
14	7/8	2-1/4	-

## Dixon Brass

ph 800.323.4440

fx 800.628.7259

customer.service@dixonbrass.com

dixonvalve.com