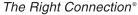


Data Sheet

Compression Fittings





Compression Fittings

Comprocessin i	Compression i ittinige		
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 Female Elbow 170C 171C Male Run Tee 172C Male Branch Tee 176C Adapter Tee Female Branch Tee 177C

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