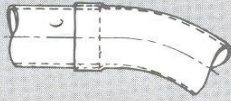


## METHODS OF JOINING



# Methods of Joining

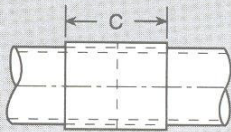


Expanded Fitting

### EXPANDED FITTINGS

This type of connection enables a straight section of tubing to slip inside the expanded end of the fitting. The two pieces can then be "locked" together by any one of several techniques - brazing, welding, industrial adhesive, or shrink sleeve.

**Note:** This method is not available in 11 gauge material.



Slip Coupling

### SLIP COUPLINGS

Can be used for joining any two straight ends of tubing or fittings. The slip coupling is a solid sleeve that fits the OD of the joint which can then be glued, brazed, welded, or covered by a shrink sleeve.

PART NO.	SIZE	C	ID	GAUGE
SC-213	2-1/8"	3"	2-1/8"	16
SC-253	2-1/2"	3-1/2"	2-1/2"	16
SC-303	3"	4"	3"	16
SC-353	3-1/2"	4-1/2"	3-1/2"	16
SC-403	4"	5"	4"	16
SC-503	5"	6"	5"	14
SC-603	6"	7"	6"	14
SC-803	8"	8"	8"	14
SC-1003	10"	10"	10"	12
SC-1203	12"	12"	12"	12
SC-1403	14"	14"	14"	12



Compression Coupling

### COMPRESSION COUPLINGS

Offers easy "tear down" function. Straight end tubing or fittings butt together within the ID of the coupling, and the joint is mechanically locked simply by tightening the bolts which are attached.

WITH BLACK NEOPRENE LINER & STAINLESS STEEL GROUNDING STRIP

PART NO.	TUBE OD	NO. OF BOLTS	COUPLING LENGTH	WEIGHT LBS.
21253B10	2-1/8"	3	6"	3.2
25003B10	2-1/2"	3	6"	3.4
30003B10	3"	3	6"	4.5
35003B10	3-1/2"	3	6"	5.1
40003B10	4"	3	6"	5.3
50004B10	5"	4	8"	8.1
60004B10	6"	4	8"	9.4
80004B10	8"	4	10"	18.0
100004B10	10"	4	10"	21.8
120004B10	12"	4	10"	25.2
140004B10	14"	4	10"	27.6

Joining methods are for use in low pressure (under 15 PSIG) systems. Slotted joining method also available.

**OD** = Outside Diameter  
**ID** = Inside Diameter  
**PSIG** = Pounds per Square Inch Gravity

All reference dimensions are nominal.

Catalog Part Variations Available upon Request.