

## SS Braided Connector with Copper Ends



Flexible connectors are used to absorb thermal and seismic movement, absorb hydraulic shock, provide vibration and noise dampening, ease installation and correct minor misalignment of piping and components.

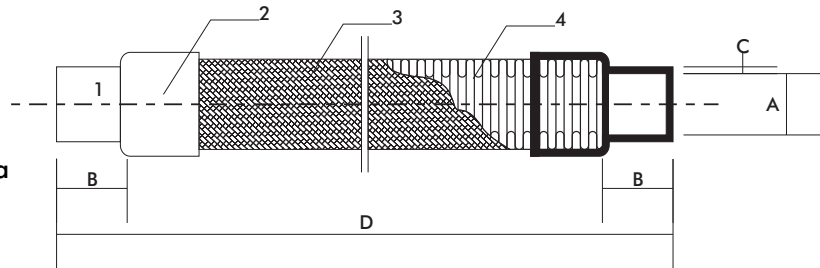
The inner hose is an annular (bellows) design. An annular hose is better suited for pump connections because it can better sustain torsion stress due to longitudinal expansion from rises in pressure. Metal wire braid on a hose assembly restrains against hose elongation under higher pressures and acts to dampen vibration. A heavy braid also increases abrasion resistance. Optimal braid coverage will contain the core under pressure and reduce the possibility of twisting and squirming.



The use of braided metal connectors for applications such as pumps, compressors and other mechanical equipment can enhance the overall operation of a system.

Braided connectors have the advantages of:

- Longer service life
- Increased pressure capacity
- Greater fatigue resistance due to flex
- Increased temperature capacity of media
- Greater protection of annular hose
- Acceptance of thermal expansion



### Suitable for use with Refrigerants

R12	R401A	R407A	R410A
R22	R401B	R407B	R410B
R23	R402A	R407C	R502
R125	R402B	R408A	R507
R134A	R404A	R408A	R508, R509

### Stainless Steel Vibration Eliminators With Copper Ends

Part No.	Actual OD of Copper Tubing (in)	Dimension in mm				Max. Working Pressure (psi.)	Burst Pressure (psi.)
		A	B (±3)	C	D (±5)		
SLBZ10	3/8	9.6	20	1.2	300	580	3770
SLBZ12	1/2	12.8	22	1.2	300	580	3770
SLBZ15	5/8	16.0	24	1.2	300	580	3770
SLBZ20	3/4	19.2	32	1.2	300	580	3770
SLBZ22	7/8	22.2	37	1.2	300	507	2900
SLBZ25	1-1/8	28.6	46	1.5	300	507	2465
SLBZ32	1-3/8	34.9	51	1.5	300	507	2320
SLBZ40	1-5/8	41.3	57	1.5	300	493	1740
SLBZ50	2-1/8	54.0	70	2.0	300	493	1740

1 = Copper End

2 = Neck Ring

3 = SS Braid

4 = SS Corrugated Hose