



**SELECT FLO-FAB
STAINLESS STEEL FLEXIBLE**

*CUSHION VIBRATION
*MINIMIZE STRESS

*REDUCE NOISE
*DIA. 1 / 2 TO 14 IN.

STYLES AND SIZES

1. *TYPE ST* - Standard sizes from 1/2 in. (15mm) to 3 in. (80 mm) ID Stainless Steel Braided Corrugated Hose with Sch 40 Carbon Steel Male Nipples welded each end.
2. *TYPE SS* - Standard sizes from 2 in. (50 mm) to 14 in. (350 mm) ID "SHORT" Stainless Steel Braided Corrugated Hose with standard 150# ASA Carbon Steel plate flanges welded each end.
3. *TYPE SM* - Standard sizes from 2 in. (50 mm) to 14 in. (350 mm) ID "MEDIUM" Stainless Steel Braided Corrugated Hose with standard 150# ASA Carbon Steel plate flanges welded each end.
4. *TYPE SL* - Standard sizes from 2 in. (50 mm) to 14 in. (350 mm) ID "LONG" Stainless Steel Braided Corrugated Hose with standard 150# ASA Carbon Steel plate flanges welded each end.

DESIGN AND FEATURES - Flexible Pump/ Compressor Connectors are made of Corrugated Stainless Steel Hose and covered with corresponding Braid to give you a high temperature Leak Proof Hose. With the appropriate fittings attached you have a Connector which will allow Temperature up to 850 F (457 C) and Pressure up to 850 PSIG (5860) KPa at 70 F (21 C).

ALLOWABLE MOTIONS - Flexible Pump Connectors will absorb Vibration, relieve stress from mating equipment and allow the correction of some misalignment.

NOTE:

- 1) Larger sizes and lengths available on request.
- 2) Maximum test procedure at 70 F (21 C) equals 1 1/2 times the maximum steady operating pressure at 70 F (21 C).
- 3) Consult us where greater pressure or offsets occur.
- 4) Install all Pump Connectors in a straight line without offset. Piping should be anchored or hung so that the weight of the piping does not rest on the Pump Connector.

TEMPERATURE

As the working temperature increases, the pressure ratings of corrugated hose decreases. The following charts can be used as a reference.

Temperature Conversion Factors						Maximum Service Temperature			
Apply to pressure rating for elevated temperatures.									
TEMPERATURE		MATERIAL				ALLOY		ALLOY	
C°	F°	STAINLESS STEEL	STEEL	MONEL	BRONZE	ALLOY	MAXIMUM °C °F	ALLOY	MAXIMUM °C °F
21	70	1.00	1.00	1.00	1.00	AISI Stainless Steel Type:		Brazing (RCuZn-C or BCuP-2)	232 450
65	150	.97	.99	.93	.92	321	815 1500	Bronze Hose	454 850
93	200	.94	.97	.90	.89	316 ELC	815 1500	Steel Hose	315 600
121	250	.92	.96	.87	.86	304	454 850	Silver Brazing (AWS-B-Ag-2)	
148	300	.88	.93	.83	.83	302	454 850	Asbestos Packing Grade	204 400
176	350	.86	.91	.82	.81	Mild Steel	454 850	Commercial Asbestos	232 450
204	400	.83	.87	.79	.78	Malleable Iron	426 800	Underwriters Asbestos	287 550
232	450	.81	.86	.77	.75	Monel	426 800	A Asbestos	315 600
260	500	.78	.81	.73		Bronze	232 450	AA Asbestos	398 750
315	600	.74	.74	.71		Brass	232 450	AAA Asbestos	482 900
371	700	.70	.66	.70		Copper	204 400	AAAA Asbestos	93 200
426	800	.66	.52			Aluminum 52S-0 (5052-0)	315 600		
482	900	.62	.50			Galvanizing	232 450		
537	1000	.60				Soft Solder (Pb. 60, Sn. 40)	121 250	Colton Cord Packing	
593	1100	.58				(Pb. 95, Sn. 5)	176 350		
648	1200	.55							
704	1300	.50							
760	1400	.44							
815	1500	.40							