

# SPECIFICATIONS

## M-10 Flex and M-11 Bellows Specifications

Specifications for Flex Connectors				
Nominal Hose ID (in.)	Nominal Hose OD (in.)	Max Lateral Offset / Foot	Max Axial Movement / Foot	Max Operating Temperature (°F)
2	2.75	0.96	0.14	1500°
2.5	3.17	0.82	0.22	1500°
3	3.75	0.74	0.22	1500°
4	4.82	0.6	0.22	1500°
5	5.87	0.47	0.22	1500°
6	6.94	0.42	0.22	1500°
8	9	0.30	0.22	1500°
10	11	0.20	0.22	1500°
12	13	0.17	0.22	1500°

Specifications for Single Ply Bellow (Expansion Joints)											
Nominal Size (in.)	PSIG	TEMP (°F)	Axial Comp		Lateral Offset		Axial Spring		Lateral Spring		Fatigue* Cycle
			S	L	S	L	S	L	S	L	
3	5	1200°	2.0	3.0	0.125	0.125	96	73	21	73	10,000
4	5	1200°	2.0	3.0	0.125	0.125	124	95	46	20	10,000
5	5	1200°	2.5	3.5	0.125	0.125	144	108	85	36	10,000
6	5	1200°	2.5	3.5	0.125	0.125	169	127	138	58	10,000
8	5	1200°	2.5	3.5	0.125	0.125	219	164	303	128	10,000
10	5	1200°	3.0	4.0	0.125	0.125	215	167	478	209	10,000
12	5	1200°	3.0	4.0	0.125	0.125	257	200	800	375	10,000
14	5	1200°	3.0	4.0	0.125	0.125	204	163	869	391	10,000
16	5	1200°	3.0	4.0	0.125	0.125	232	182	1265	659	10,000
18	5	1200°	3.0	4.0	0.125	0.125	260	208	1767	795	10,000
20	5	1200°	3.0	4.0	0.125	0.125	288	231	2387	1074	10,000
22	5	1200°	3.0	4.0	0.125	0.125	316	253	3137	1411	10,000
24	5	1200°	3.0	4.0	0.125	0.125	344	275	4028	1812	10,000

- \*Numbers vary depending upon overall length. Movements are concurrent.
- Numbers presented are for short and long size bellows capsules.
- \*\*All bellows designs are per Expansion Joint Manufacturers Association 9th Edition.
- All dimensions are in inches. Larger diameters available upon request.

