







SAFEFLEX SFEJ Dimensions and Allowable Movements

Pipe (in)		Pipe (mm)		Allowable Movements							
Size Length (in) (in)		Size Length (mm) (mm)		Angular (degrees)	Compression (in) (mm)		Elongation (in) (mm)		Transverse + (in) + (mm)		
11/2 2 21/2 3 4 5	4	40 50 65 75 100 125	100	21 20 19 18 17 16	5/8	16	1/2	12	3/8	9.5	
6 8 10 12	6	150 200 250 300	150	15 14 13 12	1	25	5/8	16	5/8	16	
14 16 18 20	9	350 400 450 500	225	10 9 8 7	11/8	29	7/8	22	7/8	22	
24 1	0	600	250	6	11/8	29	1	25	1	25	

SAFEFLEX SFDEJ Dimensions and Allowable Movements

Pipe (in)		Pipe (mm)		Allowable Movements							
Size Ler (in) (ii	ngth n)	Size (mm)	Length (mm)	Angular (degrees)	Comp (in)	ression (mm)		gation (mm)		sverse (mm)	
11/2 2 21/2 3 4 5 6	7	40 50 65 75 100 125 150	175	36 34 32 30 28 24 22	11/4	32	3/4	19	3/4	19	
8 10 12	8	200 250 300	200	20 18 16	11/2	38	7/8	22	7/8	22	
14 10	0	350	250	14	15/8	41	1	25	1	25	

SAFEFLEX SFU Dimensions and Allowable Movements

Pipe (in)	Pipe (mm)	Allowable Movements							
Size Length (in) (in) Size Length (mm) (mm)		Angular (degrees)	Compression (in) (mm)	Elongation (in) (mm)	Transverse ± (in) ± (mm)				
3/4 7 1 7 11/4 8 11/2 8 2 8	20 175 25 175 32 200 40 200 50 200	25 24 23 22 21	3/4 <i>19</i>	3/8 <i>10</i>	3/8 <i>10</i>				

Ductile Iron Threaded End FITTING OPTIONS

SAFEFLEX SFU-DI



SFU-SS

Stainless Steel Threaded End













SAFEFLEX SFEJ, SFDEJ, SFDCR and SFU KEVLAR® REINFORCEMENT Standard and High Pressure Construction-Pressure Reduction at Higher Temperatures

Construction Max. Vacuum Types & Sizes Nominal Rating In PSI At: Nominal Rating In Bar At: in Hg Minus 77°C 88°C 99°C 110°C 121°C (mm) 170°F 190°F 210°F 230°F 250°F Bar (in) SFEJ Standard 250 245 235 225 215 17 16.5 16 15 14 18" 0.6 11/2" - 16" 40mm - 600mm SFEJ Standard 18" - 24" 450mm - 600mm 180 1/5 1/0 165 155 12 11.5 11 10.5 10 18" 0.6 SFDEJ Standard 11/2" - 14" 40mm - 350mm 250 225 215 14" 0.5 245 235 17 16.5 16 15 14 SFDCR Standard 250 245 235 225 215 17 16.5 16 15 14 14" 0.5 All Sizes SFU Standard 250 245 235 225 215 17 16.5 16 15 14 18" 0.6 All Sizes SFEJ High Pressure 11/2" - 16" 40mm - 400mm 335 325 315 300 285 23 22 21 20 19 29" 1.0 SFEJ High Pressure 18" - 24" 18" - 24" 450mm - 600mm 225 220 210 200 190 15 14.5 14 13.5 13 29" 1.0 SFDEJ High Pressure 11/2" - 14" 0.7 300 19 22" 11/2" - 14" 40mm - 350mm 335 325 315 285 23 22 21 20

Burst pressures are a minimum of three times Operating Pressures.