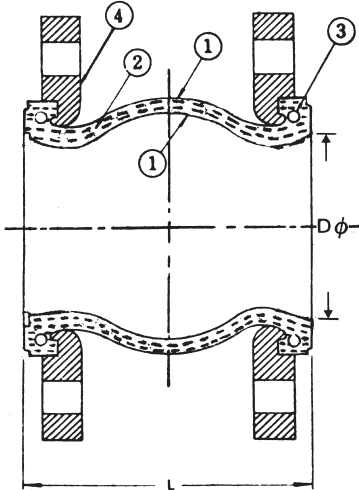


3.35 | Rubber Expansion Joints

Single Sphere Rubber Expansion Joint

STYLE 100



Press/Temp Correction Factor	Operating Temperatures					
	80°C	85°C	90°C	95°C	100°C	105°C
Maximum Working Pressure (x factor)	x1.0	x.92	x.83	x.75	x.67	x.60

Item	Part	Material
1	Body	Heat Resisting Rubber
2	Body	Nylon Tyre Cord
3	Wire	Hard Steel Wire
4	Flange	Mild Steel

Remarks

- Application fluids:
water, warm water, seawater, weak acids, alkalies, etc.
- Available flanges drilling:
JIS, DIN, ANSI, TAB / BS and specialised drilling.
- Available material:
EPDM, Neoprene, Buna/Nitrile, Viton, Hyperlon, Natural Rubber and Butyle.

Movement and Operating Condition

Diam. Do mm (in.)	L (mm)	Allowable Movement (mm)			Operating Condition			
		Axial Compression	Axial Elongation	Transverse Deflection	Angular Deflection	Maximum Pressure kg/cm ² (PSIG)	Max. Temp °C (°F)	Vacuum Rating mm Hg (in.)
32 (1 ¼)	95	8	4	8	15°	16 (225)	115 (240)	400 (16)
40 (1 ½)	95	8	4	8	15°	16 (225)	115 (240)	400 (16)
50 (2)	105	8	5	8	15°	16 (225)	115 (240)	400 (16)
65 (2 ½)	115	12	6	10	15°	16 (225)	115 (240)	400 (16)
80 (3)	130	12	6	10	15°	16 (225)	115 (240)	400 (16)
100 (4)	135	18	10	12	15°	16 (225)	115 (240)	400 (16)
125 (5)	170	18	10	12	15°	16 (225)	115 (240)	400 (16)
150 (6)	180	18	10	12	15°	16 (225)	115 (240)	400 (16)
200 (8)	205	25	14	22	15°	16 (225)	115 (240)	400 (16)
250 (10)	240	25	14	22	15°	16 (225)	115 (240)	400 (16)
300 (12)	260	25	14	22	15°	16 (225)	115 (240)	400 (16)
350 (14)	265	25	16	22	15°	9 (125)	115 (240)	400 (16)
400 (16)	265	25	16	22	15°	9 (125)	115 (240)	400 (16)
450 (18)	265	25	16	22	15°	9 (125)	115 (240)	400 (16)
500 (20)	265	25	16	22	15°	9 (125)	115 (240)	400 (16)
600 (24)	265	25	14	22	15°	9 (125)	115 (240)	400 (16)