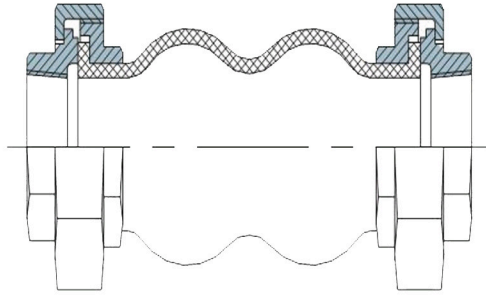


### Twin Sphere Union Expansion Joint



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

### Remarks

1. Application fluids:  
water, warm water, seawater, weak acids, alkalies, etc.
2. Available material:  
EPDM, Neoprene, Buna/Nitrile, Viton, Hyperlon, Natural Rubber and Butyle.

### Movement and Operating Condition

Available threads : BSPP, BSPT, NPT

Diameter		Installed length (mm)		Travel (mm)	Allowable Movements from Neutral				Working Pressures	
Inch	mm	Neutral Length	Min – Max Installed	Total Compressed Extended	Axial Compression	Axial Extension	Lateral Deflection	Angular Degrees	Positive P.S.I.G At 180°C	Vacuum Rating mm
½"	15	203	186-206	181-209	22	6	22	32°	150	660
¾"	20	203	186-206	181-209	22	6	22	32°	150	660
1"	25	203	186-206	181-209	22	6	22	25°	150	660
1 ¼"	32	203	186-206	181-209	22	6	22	25°	150	660
1 ½"	40	203	186-206	181-209	22	6	22	20°	150	660
2"	50	203	186-206	181-209	22	6	22	15°	150	660
2 ½"	65	240	223-244	218-246	22	6	22	12°	150	660
3"	80	240	223-244	218-246	22	6	22	10°	150	660