Twin Sphere Rubber Expansion Joints (TREJ)

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, alkalis, etc.

2. Available flanges drilling:
   JIS, DIN, ANSI, TAB / BS and specialised drilling.

3. Available material:
   PDM, Neoprene, Buna/Nitrile, Viton, Hyperlon, Natural Rubber and Butyle.

Nominal Diameter		Face to Face	Temp (°C)	Travel mm Total Compressed Extended	Axial Compression	Allowable Movement (mm)			Pressure	
Inch	mm	Inch	Min-Max			Axial Extension	Lateral Deflection	Angular Deflection	Positive P.S.I.G. (Bar) at 80°C	Vacuum mm Hg
1-1/4"	32	7	-30 -110	125-205	53	27	45	40°	225(16)	660
1-1/2"	40	7	-30 -110	125-205	53	27	45	40°	225(16)	660
2"	50	7	-30 -110	125-205	53	27	45	40°	225(16)	660
2-1/2"	65	7	-30 -110	125-205	53	27	45	40°	225(16)	660
3"	80	7	-30 -110	125-205	53	27	45	40°	225(16)	660
4"	100	9	-30 -110	175-260	53	31	40	35°	225(16)	660
5"	125	9	-30 -110	175-260	53	31	40	35°	225(16)	660
6"	150	9	-30 -110	175-260	53	31	40	35°	225(16)	660
8"	200	13	-30 -110	265-360	65	30	35	30°	225(16)	660
10"	250	13	-30 -110	265-360	65	30	35	30°	225(16)	660
12"	300	13	-30 -110	265-360	38	30	35	30°	225(16)	660
14"	350	13.78	-30 -110	265-360	38	28	28	20°	150(10)	660
16"	400	13.78	-30 -110	265-360	38	28	28	20°	150(10)	660
18"	450	13.78	-30 -110	265-360	38	28	28	20°	150(10)	660
20"	500	13.78	-30 -110	265-360	38	28	28	20 °	150(10)	660