

Twin Sphere Union Rubber Expansion Joints (T12REJ)

Rubber Expansion Joint - T12REJ

Part No.: T12REJ

Material: EPDM, Neoprene, Viton, Buna/Nitrile, Hyperlon, Natural Rubber

Construction: Smoothbore Sphere

Profile: Medium Flexibility / Medium Pressure

Vacuum Ring: Available on Request

Size Available: 5/8" - 3"

(Larger sizes upon Request)

Temperature: -30°C +105°C

Low | Med | High

Flexibility



Cycle Life



Pressure Rating



Chemical Resistance



Wall Thickness



Construction

Use:

Rubber expansion joints are designed to alleviate piping stress, absorb pipe misalignment, compression and extension, noise and vibration, in a relatively short space.



Temperature Correction Factor

80 °C	85 °C	90 °C	95 °C	100 °C	105 °C
x 1.0	x 0.92	x 0.83	x 0.75	x 0.67	x 0.60

Specifications

Part Number	Nom Bore	Length	Max. Working Pressure	Movements				Vacuum
				Axial Compression	Axial Elogation	Lateral Deflection	Angular Deflection	
	(mm)	(mm)	kPa	(mm)	(mm)	(mm)	(Deg)	mmHg
T12REJN-15-BPHG	15	203	1034	22	6	22	32	660
T12REJN-20-BPHG	20	203	1034	22	6	22	32	660
T12REJN-25-BPHG	25	203	1034	22	6	22	25	660
T12REJN-32-BPHG	32	203	1034	22	6	22	25	660
T12REJN-40-BPHG	38	203	1034	22	6	22	20	660
T12REJN-50-BPHG	50	203	1034	22	6	22	15	660
T12REJN-65-BPHG	65	240	1034	22	6	22	12	660
T12REJN-80-BPHG	80	240	1034	22	6	22	10	660

* Union Is Available With BSP or NPT Thread

Applications

