

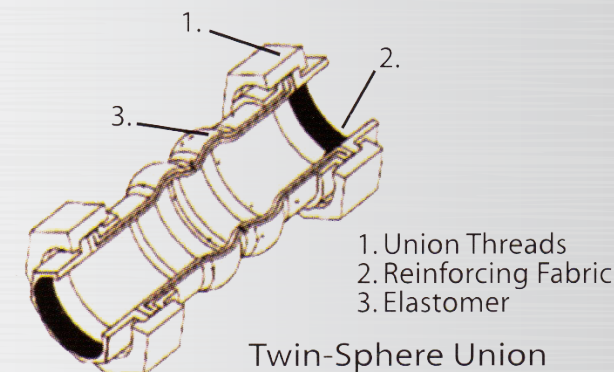
TOPFLEX - SERIES TU is designed for supply/distribution pipeline service or to connect piping to specific equipment application such as : Pumps, Chillers, Cooling, Cooling Towers, Compressors, Blowers, Fans Absorption Machines, etc. Installed next to mechanical equipment or between the anchor points of piping system, specify the **TOPFLEX - SERIES TU** to :

- (1) Absorb pipe/Movement/Stress
- (2) Decrease Systems Noise
- (3) Isolate Vibration
- (4) Compensate alignment/offset
- (5) Eliminate Electrolysis
- (6) Protect Against Start up/Surge Forces

The **TOPFLEX - SERIES TU** is engineered for tough, demanding industrial and commercial application, as found in Air Conditioning - Heating and Ventilating Systems, Chemical - Petrochemical and industrial Process Piping Systems, Power Generating Plants, Steel Mills, Marine Service, Pulp & Paper Systems, Water - Wastewater Sewage and Pollution Control Systems.

Material Specification

Item	Part	Material
1	UNION	FB 32
2	Reinforcing Cloth	Nylon Fabric
3	Elastomer	Synthetic Rubber



TWIN-SPHERE CONNECTORS

Model : Series TU



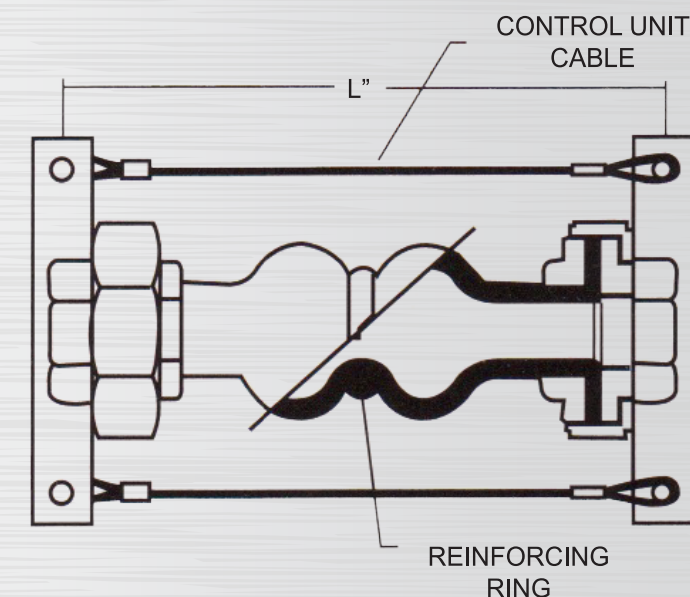
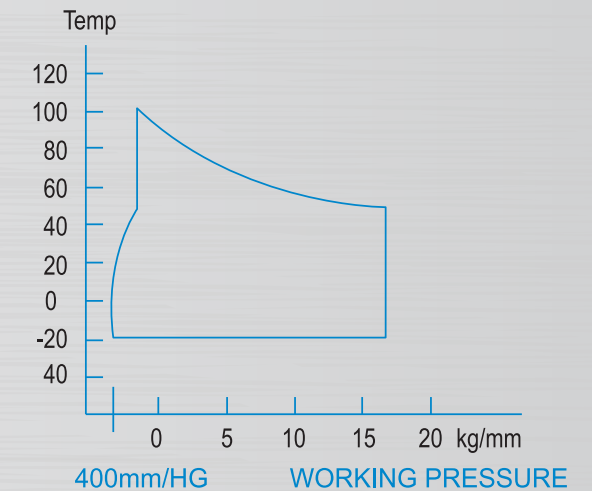
References

1. Elastomer Materials - Neoprene, Butyl, Nitrile, EPDM, Hypalon, SBR, Natural rubber for your specifications.
2. Union - Standard item employs BS UNION with materials FB 32 and FCD 40. Also can supply ANSI, DIN and other standard.
3. Applicable fluids - water, warm water, seawater, weak acids, alkalis, etc.
4. 1 PSIG = 14.25kg/cm²

Control unit cable must be installed when pressure (test surge, operating, starting a pump, etc.) exceeds the rating.

Operating Conditions

Size I.D.	1/2" ~ 3" 15mm ~ 80mm	
	PSIG	kPa
Working Pressure	228	1,569
Burst Pressure	711	4,905
Pressure Rating	90	621
Vacuum Rating	400mm/Hg	
Temperature Range	~20°C ~ 100°C / -4F° ~ 212°F	



Item No.	Size I.D.	L	Compression	Extension	Lateral	Angular
TU 1/2	1/2 inch (15mm)	203mm	22mm	6mm	22mm	30°
TU 3/4	3/4 inch (20mm)	203	22	6	22	30°
TU 1	1 inch (25mm)	203	22	6	22	25°
TU 1-1/4	1-1/4 inch (32mm)	203	22	6	22	25°
TU 1-1/2	1-1/2 inch (40mm)	203	22	6	22	20
TU 2	2 inch (50mm)	203	22	6	22	15°
TU 2-1/2	2-1/2 inch (65mm)	225	22	6	22	12°
TU 3	3 inch (80mm)	225	22	6	22	10°