

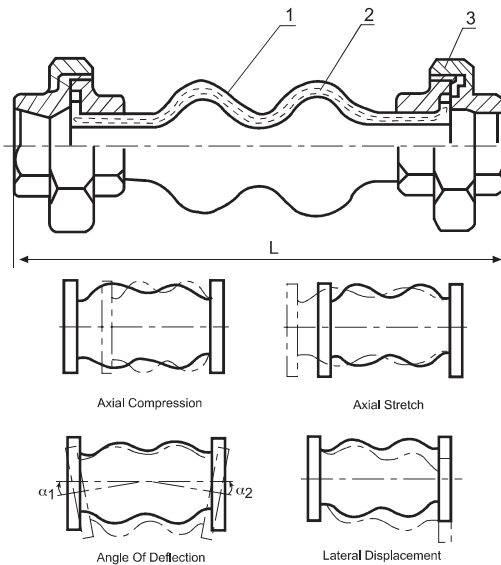


TWIN SPHERE RUBBER EXPANSION JOINT



MATERIALS LIST

NO.	PART	MATERIAL
1	Rubber (inner & outer)	EPDM
2	Reinforcing fabric	Nylon fabric
3	Union threads	Galvanized Malleable Iron



TYPE FTU

DIMENSIONS

DN	(L) INSTALLED LENGTH (MM)		ALLOWABLE MOVEMENTS FROM NEUTRAL			
	Natural Length	Minimum Maximum Installed	Axial Compression	Axial Extension	Lateral Deflection	Angular Deflection
15	200	186-206	22	6	22	20°
20	200	150-169	22	6	22	20°
25	200	155-175	22	6	22	20°
32	200	160-179	22	6	22	20°
40	200	165-185	22	6	22	20°
50	200	196-215	22	6	22	20°
65	240	207-227	22	6	22	20°
80	240	209-229	22	6	22	20°

DESCRIPTION

Uni-Flo Twin Sphere expansion joints are designed to absorb vibration and shock in pipelines. They are also designed to compensate for misalignment which may occur between pipe joints, and to allow for thermal expansion.

TYPICAL APPLICATIONS

- Building equipment, piping systems for industrial plants and private residences.
- Prevention of disasters due to earthquakes and subsidence of ground.
- Waterworks, sewerage and sanitary lines (feed-water and drainage).
- Prevents damage to pipe joints owing to thermal expansion.

OPERATING CONDITIONS

Burst pressure: 50 Bar
Temperature: -10°C to 80°C