

TWIN SPHERE FLANGE SCREW TYPE FLEXIBLE JOINT 99UF

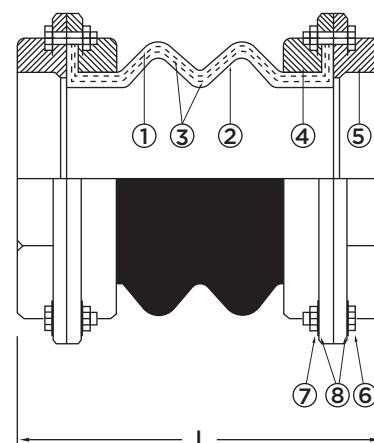


MATERIAL

NO.	PART NAME	MATERIAL	SPECIFICATION
1	Body (Outer Layer)	EPDM Rubber	BS EN 681-1, BS 6920-1
2	Body (Inner Layer)	EPDM Rubber	BS EN 681-1, BS 6920-1
3	Reinforcing Fabric	Nylon Fabric	
4	Union Flange	Galvanized Ductile Iron	
5	Flange Screw	Galvanized Ductile Iron	
6	Bolt / Nut	Galvanized Steel	
7	Spring Water	Galvanized Steel	
8	Flat Washer	Galvanized Steel	

OPERATING PRESSURE & TEMPERATURE

Operating Temperature (°C)	AMBIENT	50	60	70	80
Max Operating Pressure (Bar)	16	9.6	7.5	6.2	5.0
Max Operating Pressure (Bar)	20	15	12.4	10	7.5



SPECIFICATION

- Reduce vibration, noise and movement inherent in piping system
- Hydrostatically tested to BS EN 12266-1:2012
- Threaded to BS EN 10226-2 [BSP] / ANSI B1.20.1 [NPT]
- Applicable for HVAC System, Fire Protection System, Plumbing / Sanitary System, Pollution Control System, Power Generation Plant, Marine Cooling System, etc.
- Optional material available on request

PRESSURE/TEMPERATURE RATING

Working Pressure	16 bar / 20 bar
Testing Pressure	Shell: 24 bar / 30 bar
Vacuum rating	500 MM/HG
Working Temperature	110°C
Typical Application	Water, Warm Water, Sea Water, Air

DIMENSION

NOMINAL PIPE SIZE		NEUTRAL LENGTH (L)	AXIAL COMPRESSION	AXIAL ELONGATION	LATERAL DEFLECTION	ANGULAR DEFLECTION
MM	INS	MM	MM	MM	+/- MM	+/- DEG
15	1/2	167	22	6	22	30
20	3/4	167	22	6	22	30
25	1	173	22	6	22	30
32	1 1/4	181	22	6	22	30
40	1 1/2	182	22	6	22	30
50	2	185	22	6	22	20
65	2 1/2	208	22	6	22	15
80	3	241	22	6	22	15