

X80F

Single Sphere Flanged Rubber Flexible Joint

PN16

Size 2½" to 24"

Specifications:

IVAL® Single sphere flanged rubber flexible joint, with Polyamide wired reinforced body and Metallic parts in zinc plated cast iron.

Flanged according to EN1092 standard.

Burst Pressure: 4.8 MPa

Vacuum Rating: 86 KPa

Features:

- Single Sphere Rubber.
- The movable joint is treated with hot plating and electroplating processes to ensure that the product has stronger anti-corrosion ability.
- Design according to GB/T 26121.
- Rated 1.6 MPa.

Pressure/Temperature Ratings:

Temperature (°C)	-10 to +20	60	100
Pressure (Bar)	16	14	12

Test Pressures:

Each joint is individually hydrostatically tested at the following test:

Shell: 24 bar (Hydraulic)

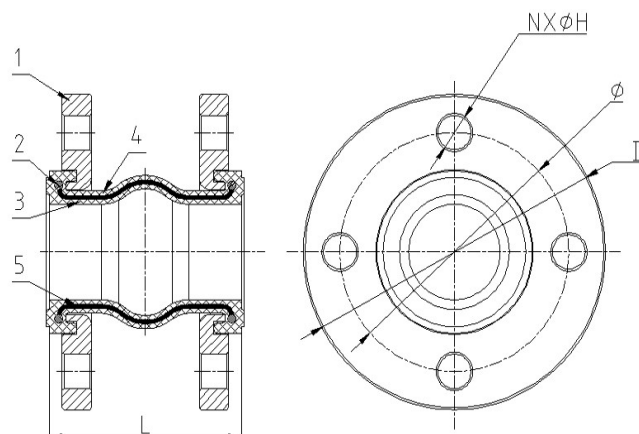
Materials:

No.	Description	Material
1	Flange	Galvanized Carbon Steel
2	Reinforcing Ring	Carbon Steel
3	Inner Rubber	EPDM
4	Outer Rubber	EPDM
5	Reinforcing Fabric	Nylon Fabric

Dimensions:

DN		Neutral Length (mm)				Axial (mm)		Transverse Movement (mm)	Angular Deflection (Deg.)	Weight (Kg)
INCH	mm	L	D	Ø	N- ØH	Elongation	Compression			
2 ½"	65	115	185	145	8x18	8	15	12	25	5.4
3"	80	135	200	160	8x18	8	15	12	25	5.9
4"	100	150	220	180	8x18	12	20	16	15	7.0
5"	125	165	250	210	8x18	12	20	16	15	9.5
6"	150	180	285	240	8x22	12	20	16	15	13.1
8"	200	210	340	295	12x22	12	20	16	15	16.7
10"	250	230	405	355	12x26	14	30	25	8	23.8
12"	300	230	460	410	12x27	14	30	25	8	31.3
14"	350	255	520	470	16x27	14	30	25	8	45.0
16"	400	255	580	525	16x30	14	30	25	8	62.0
18"	450	255	640	585	20x30	14	30	25	8	63.0
20"	500	255	715	650	20x34	14	30	25	8	100.0
24"	600	260	840	770	20x37	14	30	25	8	110.0

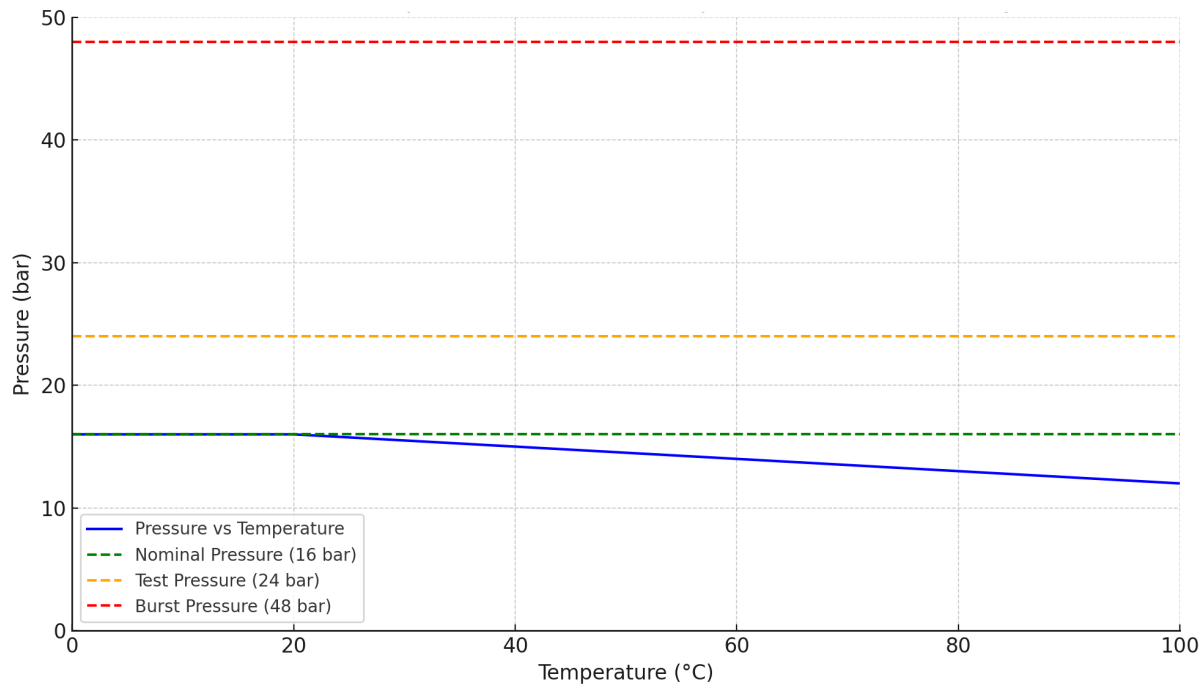
TECHNICAL DATASHEET



Suitable for Water. Not suitable for: gases group 1 & 2, liquids group 1 (Dir. 2014/68/UE)



Pressure and Temperature Characteristics:



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