



CERTIFICATES



Teflon compensators are used to damp vibrations and compensate the displacements arising as a result of thermal stress and elongation of pipelines.

PTFE due to its good chemical resistance is mainly used for aggressive media and when working in high temperatures, range from -30 °C up to 230 °C.

PTFE compensators are characterized by a high level of safety, high chemical and thermal resistance, and resistance to high vacuum. It has high flexibility, low permeability, high compensation and a long service life.

Motion compensation features



Axial (elongines)
(+ ◀▶)



Axial (compression)
(- ▶◀)



Angular
(± α°)



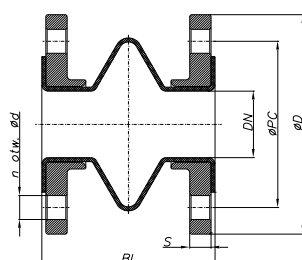
Radial
(± ▲▼)

Technical datas:

- Range of Diameters: DN25-DN600
- max. working temperatures from 30°C
- till +230°C
- flange openings: PN6 PN10

Construction:

- bellow: PTFE
- flange:
 - carbon steel with anti-corrosion ..coating (hot dip galvanization)
 - stainless steel, 1.4031
 - acid resistant 1.4401, 1.4404, 1.4571



- BL – bellow length
 ØD – external flange diameter
 ØPC – openings pitch diameter
 Ød – screw holes diameter
 n – number of screws
 s – flange thickness

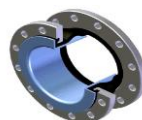
DN	BL [mm]	Flanges according to PN										Motion compensation			
		ØD [mm]		PC [mm]		Ød [mm]		n [mm]		s [mm]		axial		latreal	alfa
		06	10	06	10	06	10	06	10	06	10	- mm	+ mm	+/- mm	+/-
25	130	100	115	75	85	11	14	4	4	14	16	15	15	15	10
32	130	120	140	90	100	14	18	4	4	14	16	15	15	15	10
40	130	130	150	100	110	14	18	4	4	14	16	15	15	15	10
50	130	140	165	110	125	14	18	4	4	16	16	15	15	15	10
65	130	160	185	130	145	14	18	4	4	16	16	15	15	15	10
80	130	190	200	150	160	18	18	4	8	18	18	15	15	15	10
100	130	210	220	170	180	18	18	4	8	18	18	15	15	15	10
125	130	240	250	200	210	18	18	8	8	18	18	15	15	15	8
150	130	265	285	225	240	18	23	8	8	18	20	15	15	15	8
200	130	320	340	280	295	18	23	8	8	18	20	15	15	15	5
250	130	375	395	335	350	18	23	12	12	18	20	15	15	15	5
300	130	440	445	395	400	22	23	12	12	20	20	15	15	15	4
350	200	490	505	445	460	22	22	12	16	20	20	15	15	15	3
400	200	540	565	495	515	22	26	16	16	26	30	15	15	15	3
500	200	645	670	600	620	22	26	20	20	26	30	20	15	15	3
600	200	755	780	705	725	26	30	20	20	26	30	20	15	15	3
700	250	860	895	810	840	26	30	24	24	30	30	20	10	15	2
800	250	975	1015	920	950	30	33	24	24	38	30	20	10	10	2

* the above diameters and building lengths are standard. You can place an order with individual values

Auxiliary equipment:



Anti-fouling cover



Deflector



Vacuum bellow