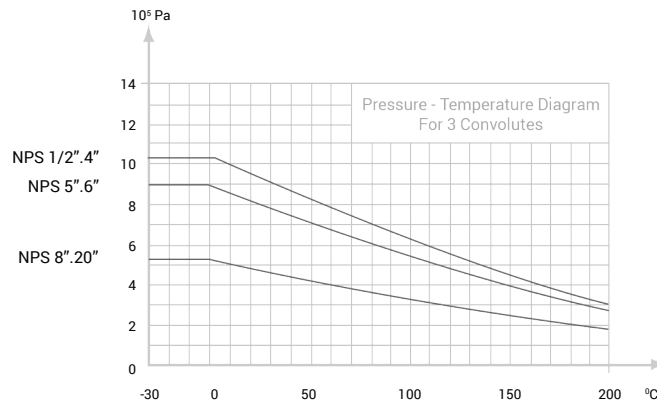
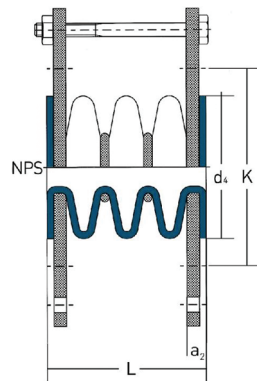


PTFE-Expansion Joints, 3 Convolutes (Class 150)



- ➔ Lined pipes, elbows, tees, instrument-tees, reducers, crosses and spacers in the dimensions DN15 to DN 500 and 1/2" to 20", according DIN 2848/2874 and ANSI B16.5 in carbon steel and stainless steel lined with PTFE, PFA (virgin, antistatic, FDA conformity upon request) and PP-lining.
- ➔ PTFE nozzle-liner and PTFE-lined steel dip pipes.
- ➔ Expansion joints in PTFE as well as stainless steel expansion joints with PTFE-lining.
- ➔ We also manufacture special forms and dimensions according to your requirements.

NPS	L mm	Extension Compr. ± mm	Misalign- ment max. mm	Angular- Deflection max. °	Vacuum-Resistance			
					10 ⁴ Pa	max. °C	10 ⁴ Pa	max. °C
1/2"	37	6	4	14	0,1	200		
3/4"	37	6	4	14	0,1	200		
1"	46	13	6	14	0,1	200		
1 1/4"	46	13	6	14	0,1	200		
1 1/2"	46	13	6	14	0,1	200		
2"	56	15	9	14	0,1	200		
2 1/2"	77	19	9	14	0,1	200		
3"	77	25	13	14	0,1	200		
4"	91	25	13	14	0,1	200		
5"	111	25	14	14	0,1	150		
6"	101	28	14	14	0,1	150		
8"	137	28	14	14	0,1	50	2.0	150
10"	200	30	14	14	0,7	45	3.4	100
12"	196	30	15	14	1,5	45	6.7	100
14"	215	32	18	14	1,5	45	6.7	100
16"	233	35	20	14	1,5	45	6.7	100
18"	280	30	20	14	3,4	45	7.0	100
20"	327	30	25	14			8.0	100

The above shown chart is only valid at neutral length and with limit bolts in place. Above mentioned types of travel (extension compression, misalignment or angular deflection) are alternatives; the percentage values must not exceed 100% when added together. The figures stated are average values and apply to room temperature.



Important notice to the holes of the expansion joint flanges: bolt circle: with threaded holes from 1/2" to 24" other design: upon request PTFE-Expansion Joints, 3 Convolutes (Class 300) upon request. Pressure Equipment Directive (PED 97/23/EG): We are certified acc. DIN EN ISO 9001:2000. All piping parts fulfil the requirements of the PED and will be delivered with CE marking.

