

Rubber expansion joint, type FSF-10 EPDM

Applications:

Flexible expansion joints for absorbing thermal expansion and reduction of vibrations in pipe systems. EPDM rubber bellow with specific length from DN32 up to DN600. The rubber sealing surface makes the use of gaskets unnecessary. Applicable fluids: water, warm water, wastewater, seawater, weak acids, alkalis, compressed air (oil free). Not suitable for oil, gasoline and greases. For high vacuum a vacuum spiral must be used.

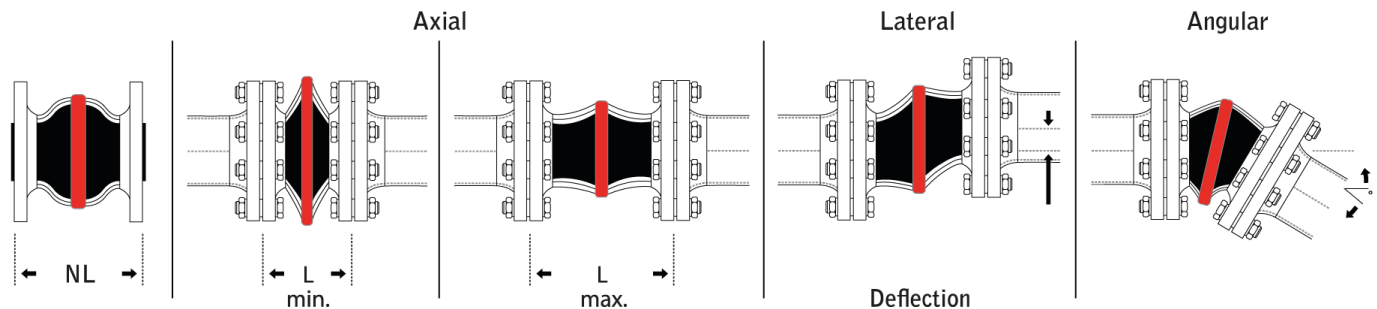


Technical description:

Liner	: EPDM
Reinforcement	: Nylon tire cord
Wire	: Steel wires
Cover	: EPDM
Marking	: Red band
Temperature range	: -25°C to + 100°C (-13°F to + 212°F)

Connections:

Swivelling flanges, PN10/16, carbon steel, zinc-plated. (DN200 up to DN600 = PN10)
Other flanges (ANSI) and materials (AISI304, AISI316) on request.



Diameter	NL	Axial	Axial	Lateral	Angular	Max.	Max.	Vacuum
DN	neutral length	compression	extension	deflection		pressure	pressure	rating
mm (in)	mm	mm	mm	mm	°	@20°C/bar	@100°C/bar	bar
32(1¼")	95	-8	+4	8	15°	16	10	0,5
40(1½")	95	-8	+4	8	15°	16	10	0,5
50(2")	105	-8	+5	8	15°	16	10	0,5
65(2½")	115	-12	+6	10	15°	16	10	0,5
80(3")	130	-12	+6	10	15°	16	10	0,5
100(4")	135	-18	+10	12	15°	16	10	0,5
125(5")	170	-18	+10	12	15°	16	10	0,5
150(6")	180	-18	+10	12	15°	16	10	0,5
200(8")	205	-25	+14	22	15°	16	10	0,5
250(10")	240	-25	+14	22	15°	16	10	0,5
300(12")	260	-25	+14	22	15°	16	10	0,5
350(14")	265	-25	+16	22	15°	7	5	0,5
400(16")	265	-25	+16	22	15°	7	5	0,5
450(18")	265	-25	+16	22	15°	7	5	0,5
500(20")	265	-25	+16	22	15°	7	5	0,5
600(24")	265	-25	+16	22	15°	7	5	0,5

For combined movements, consult Amnitec BV.

All information in this document is without any obligation, specifications subject to change without any notice.