

## 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, alkalies, compressed air (oil free). Not suitable for oil, gasoline and greases.

For high vacuum a vacuum spiral must be used.

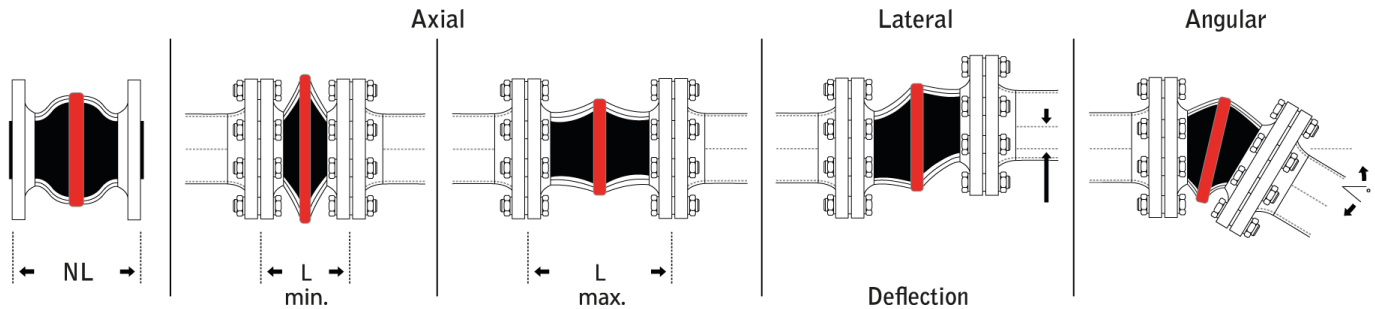


### Technical description:

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 DN	NL neutral length	Axial Compression	Axial Extension	Lateral Deflection	Angular	Max. Pressure @20°C/bar	Max. Pressure @100°C/bar	Vacuum Rating bar
mm (in)	mm	mm	mm	mm	°			
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 Amniflex BV.

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### Amniflex B.V.

Abraham van Stolkweg 118  
3041 JA, Rotterdam  
T: +31(0)10 2982121  
E: amniflex@plastiflex.com  
www.amniflex.com

BTW nr. NL862140729B01  
Bank: KBC Bank NV  
KREDNL2XXXX  
IBAN NL23 KRED0633024376

K.v.K. Rotterdam nr. 81568053

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