



Section  
2

## Rubber Expansion Joints

### FSF Type 15 Range

Nom Bore	o/a Length mm	Axial Comp mm	Axial Extension mm	Lateral mm	Angular °	Max Pressure Bar@ 20°C	Max Temp °C	Vacuum Rating mm Hg
32-1¼"	130	30	20	20	35	16	95	400
40-1½"	130	30	20	20	35	16	95	400
50-2"	130	30	20	20	35	16	95	400
65-2½"	130	30	20	20	30	16	95	400
80-3"	130	30	20	20	30	16	95	400
100-4"	130	30	20	20	25	16	95	400
125-5"	130	30	20	20	25	16	95	400
150-6"	130	30	20	20	15	16	95	400
200-8"	130	30	20	20	15	16	95	400
250-10"	130	30	20	20	10	16	95	400
300-12"	130	30	20	20	10	16	95	400

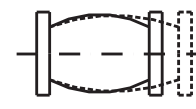
### Working pressure deration with temperature

Max Pressure Bar@ Temp	Temp °C
16	20
14	75
11	85
6	95

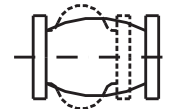
### Structure

Item#	Part	Materials
1	Body	EPDM Rubber
2	Reinforced	Nylon Type Chord
3	Wire	Hard Steel Wire
4	Flange	Mild Steel, Galvanised Various drilling available

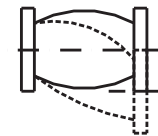
### FSF Type 15



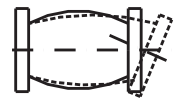
Elongation



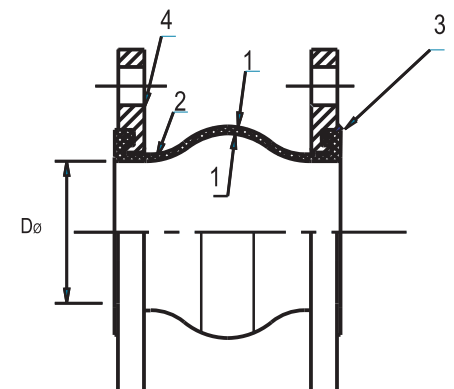
Compression



Transverse Deflection



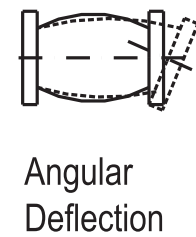
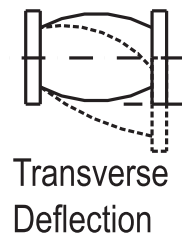
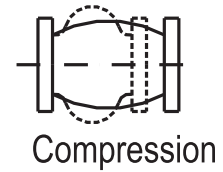
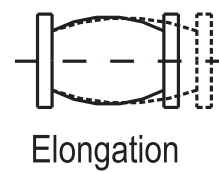
Angular Deflection



**SeniorFlex** - Commercial Quality primarily applied in HVAC applications. Bellows available in EPDM with PN flanges in zinc plated carbon steel.

Nom Bore	o/a Length mm	Axial Comp mm	Axial Extension mm	Lateral mm	Angular °	Max Pressure Bar@ 20°C	Max Temp °C	Vacuum Rating mm Hg
32-1¼"	95	8	4	8	15	16	95	400
40-1½"	95	8	4	8	15	16	95	400
50-2"	105	8	5	8	15	16	95	400
65-2½"	115	12	6	10	15	16	95	400
80-3"	130	12	6	10	15	16	95	400
100-4"	135	18	10	12	15	16	95	400
125-5"	170	18	10	12	15	16	95	400
150-6"	180	18	10	12	15	16	95	400
200-8"	205	25	14	22	15	16	95	400
250-10"	240	25	14	22	15	16	95	400
300-12"	260	25	14	22	15	16	95	400
350-14"	265	25	16	22	15	7	95	400
400-16"	265	25	16	22	15	7	95	400
450-18"	265	25	16	22	15	7	95	400
500-20"	265	25	16	22	15	7	95	400
600-24"	265	25	16	22	15	7	95	400

FSF Type 10

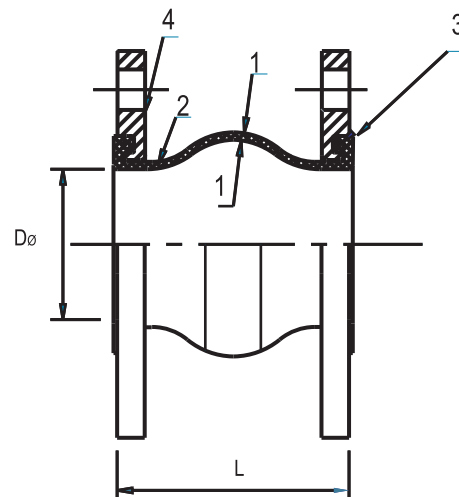


Working pressure deration with temperature

Max Pressure Bar@ Temp	Temp°C
16	20
14	75
11	85
6	95

Structure

Item#	Part	Materials
1	Body	EPDM Rubber
2	Reinforced	Nylon Type Chord
3	Wire	Hard Steel Wire
4	Flange	Mild Steel, Galvanised Various drilling available



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Section  
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## Rubber Expansion Joints

### FTU Type 30 Range

Nom Bore mm BSP size	o/a Length mm	Axial Comp mm	Lateral Extension mm	Angular mm	Max °	Max Pressure Bar@ 20°C	Vacuum Temp °C	Rating mm Hg
15- 1/2"	200	22	5	22	45	10	95	400
20- 3/4"	200	22	6	22	45	10	95	400
25-1"	200	22	6	22	45	10	95	400
32-1 1/4"	200	22	6	22	40	10	95	400
40-1 1/2"	200	22	6	22	40	10	95	400
50 / 2"	200	22	6	22	45	10	95	400
65-2 1/2"	240	22	6	22	45	10	95	400
80 / 3"	240	22	6	22	45	10	95	400

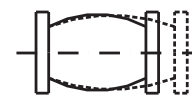
### Working pressure deration with temperature

Max Pressure Bar@ Temp	Temp°C
10	20
8	75
7	85
6	95

### Structure

Item#	Part	Materials
1	Body	EPDM Rubber
2	Reinforced	Nylon Type Chord
3	Coupling	Cast Ductile Iron
4	Ring	Galvanised Steel

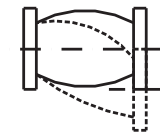
### FTU Type 30



Elongation



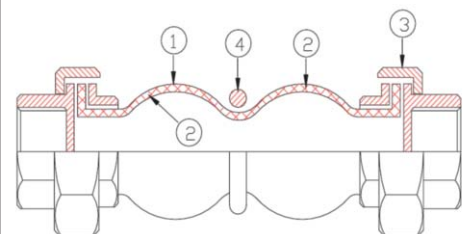
Compression



Transverse  
Deflection



Angular  
Deflection



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