

- Greater Movements.
- Higher Pressure Ratings.
- No gaskets required.
- Absorbs & Isolates Vibrations/Noise/Shock.
- Molded Design for better quality upto size 14" NB.
- Reduces System Noise.
- Absorbs Pipe Movement/Stress.
- Compensates for Misalignment/Offset.
- Available with tie rod assembly (Specially Recommended)
- Size from 25mm NB to 1800mm NB.



Temperature Ratings

Standard (-) 10° to 70°C

* Flexible Connectors for special applications in different Polymers and Pressure ratings available as per customer specifications.

Compliance - ASTM F 1123-87 (2004). Testing as per Fluid Sealing Association standard FSA-PSJ-701-06.

Movement Capability

Nominal Bore (mm)	Length (mm)	Axial Corp. (mm)	Axial Elongation (mm)	Transverse Deflection (mm)	Angular Movement Deg.	Torsional Movement Deg.
20	125	12	6	12	14.5	3
25	125	12	6	12	14.5	3
32	150	12	6	12	14.5	3
40	150	12	6	12	14.5	3
50	150	12	6	12	14.5	3
65	150	12	6	12	12.5	3
80	150	12	6	12	10	3
100	150	12	6	12	7.5	3
125	150	12	6	12	6	3
150	150	12	6	12	5	3
200	150	12	6	12	5	3
250	200	19	10	12	4	3
300	200	19	10	12	4	3
350	200	19	10	12	2.5	2
400	200	19	10	12	2.5	2
500	200	19	10	12	2	1
550	250	22	11	12	2	1
600	250	22	11	12	2	1
650 - 750	300	25	12	12	2	1
850 - 1000	300	25	12	12	1.5	1
1050 - 1800	300	25	12	12	1.5	1

*Standard PN10 and PN16 REJ design chart for sizes 25NB to 350NB available on next page

- Due to policy of continual improvement, the specifications are subject to change without prior notice.
- Measurements are subject to 5% tolerance.
- To achieve good results do not over load fitting more than designed parameters as per drawing / catalogue.
- Compliance - As per FSA Standards USA.

PN - 10

Nominal Size (I.D.)		Length Nominal f.f. MM	Flange Dia Nominal MM	Flange Thick MM	Expansion Joint Style	BS 10 Table D			ANSI 125/150# LBS			Operating Conditions	
INS.	MM					Hole Dia MM	No. of Holes NOS.	B.C.D. (Approx) MM	Hole Dia MM	No. of Holes NOS.	B.C.D. (Approx) MM	Pressure Design	Test Pressure
1	25	150	114	14	EF 812	14	4	83	16	4	79	10 Bar	15 Bar
1.25	32	150	121	14	EF 812	14	4	87	16	4	89	10 Bar	15 Bar
1.5	40	150	126	14	EF 812	14	4	98	16	4	98	10 Bar	15 Bar
2	50	150	152	14	EF 812	18	4	114	19	4	121	10 Bar	15 Bar
2.5	65	150	178	14	EF 812	18	4	127	19	4	140	10 Bar	15 Bar
3	80	150	191	14	EF 812	18	4	146	19	4	152	10 Bar	15 Bar
4	100	150	229	14	EF 812	18	4	178	19	8	191	10 Bar	15 Bar
5	125	150	254	14	EF 812	18	8	210	22	8	216	10 Bar	15 Bar
6	150	150	279	14	EF 812	18	8	235	22	8	241	10 Bar	15 Bar
8	200	150	343	19	EF 812	18	8	292	22	8	298	10 Bar	15 Bar
10	250	200	406	19	EF 812	21	8	356	25.4	12	362	10 Bar	15 Bar
12	300	200	483	19	EF 812	21	12	406	25.4	12	432	10 Bar	15 Bar
14	350	200	533	22	EF 812	24	12	470	28.6	12	476	10 Bar	15 Bar

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Nominal Size (I.D.)		Length Nominal f.f. MM	Flange Dia Nominal MM	Flange Thick MM	Expansion Joint Style	BS 10 Table E			ANSI 125/150# LBS			Operating Conditions	
INS.	MM					Hole Dia MM	No. of Holes NOS.	B.C.D. (Approx) MM	Hole Dia MM	No. of Holes NOS.	B.C.D. (Approx) MM	Pressure Design	Test Pressure
1	25	150	114	14	EF 912	16	4	83	16	4	79	16 Bar	24 Bar
1.25	32	150	121	14	EF 912	16	4	87	16	4	89	16 Bar	24 Bar
1.5	40	150	126	14	EF 912	16	4	98	16	4	98	16 Bar	24 Bar
2	50	150	152	14	EF 912	19	4	114	19	4	121	16 Bar	24 Bar
2.5	65	150	178	14	EF 912	19	4	127	19	4	140	16 Bar	24 Bar
3	80	150	191	14	EF 912	19	4	146	19	4	152	16 Bar	24 Bar
4	100	150	229	14	EF 912	19	8	178	19	8	191	16 Bar	24 Bar
5	125	150	254	14	EF 912	19	8	210	22	8	216	16 Bar	24 Bar
6	150	150	279	14	EF 912	22	8	235	22	8	241	16 Bar	24 Bar
8	200	150	343	19	EF 912	22	8	292	22	8	298	16 Bar	24 Bar
10	250	200	406	19	EF 912	22	12	356	25.4	12	362	16 Bar	24 Bar
12	300	200	483	19	EF 912	25	12	406	25.4	12	432	16 Bar	24 Bar
14	350	200	533	22	EF 912	25	12	470	28.6	12	476	16 Bar	24 Bar

Standard Pressure Rating from 400 NB.

- **400 NB - 600 NB - 7.5 kg/sq cm²**
- **650 NB - 1600 NB - 6 kg/sq cm²**
- **1600 NB - 1800 NB - 4.5 kg/sq cm²**
- Higher Pressure Ratings and Movement Capabilities Available.
- Flexible Connectors are available in a variety of polymers for different applications duty conditions.
- For Sizes above 1800 NB and also for Higher Pressure Rating Bellows can be designed as per customer requirement.
- Vacuum - 26 inches of HG.
- Please refer to our engineering department for special duty conditions/polymers.