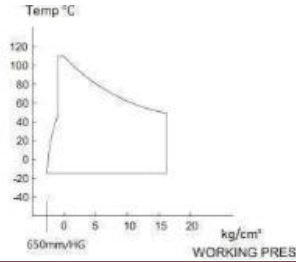
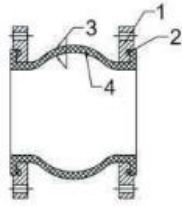




Flexy (M) Sdn Bhd - Rubber Expansion Joint Catalogue



TECHNICAL CONDITIONS

	1" – 12"	14" – 24"
Working Pressure	16 bar	8 bar
Burst Pressure	48 bar	24 bar

PARTS & MATERIALS

No.	Part	Material
1	Flange	C.S* / Ss304 / SS316 Carbon
2	Pressurized ring	Steel wires strand
3	Outer/inner rubber	EPDM / NBR / NEOP / FKM
4	Reinforcing fabric	Nylon cord fabric

* C.S = Galvanizing of carbon steel or hot DIP zinc of carbon steel

MAIN PARAMETERS — NORMAL CORE DIAMETER, LENGTH, DISPLACEMENT VALUE

Normal core diameter		Length (L) (mm)				Axial Displacement								Lateral (mm)				Angular	Vacuum (no ring)	Vacuum (with ring)
						Compression (mm)				Extension (mm)									mm Hg.	mm Hg.
mm	inch	S-A	S-B	S-C	S-D	S-A	S-B	S-C	S-D	S-A	S-B	S-C	S-D	S-A	S-B	S-C	S-D			
25	1	95	130			8	12			5	9			8	12			17°	600	600
32	1¼	95	130			8	12			5	9			8	12			17°	600	600
40	1½	95	130	150		10	12	13		5	9	9		8	12	13		14°	600	600
50	2	105	130	150		10	12	13		5	9	9		8	12	13		11°	600	600
65	2½	115	130	150	125	13	13	13	13	7	9	9	7	9	12	13	9	11°	600	600
80	3	135	130	150		13	13	13		9	9	9		12	12	13		14°	600	600
100	4	150	130	150	135	19	14	15	16	12	9	9	10	13	12	13	13	14°	600	600
125	5	165	130	150	170	19	14	15	19	12	9	9	12	13	12	13	13	11°	225	600
150	6	180	130	150		19	14	15		12	9	9		13	12	13		9°	225	600
200	8	210	130	150	205	25	14	15	25	14	9	9	14	22	12	13	22	8°	225	600
250	10	230	130	200	240	25	14	19	25	16	9	13	16	22	12	19	22	7°	150	250
300	12	245	130	200	260	25	16	19	25	16	9	13	16	22	12	19	22	6°	150	250
350	14	255	130	200	265	25	16	19	25	20	9	13	20	22	12	19	22	5°	150	250
400	16	255		200	265	25		19	25	20		13	20	22		19	22	4°	100	150
450	18	255		200	265	25		19	25	20		13	20	22		19	22	4°	100	150
500	20	255		200	265	25		19	25	20		13	20	22		19	22	3°	100	150
600	24	260		200	265	25		19	25	20		13	20	22		19	22	3°	100	150

NOTES

- Other size or lengths can be contacted for consultation.
- Standard material is EPDM. The products are not applicable to oil. Other kinds of rubber material are optional (Neoprene, Butyl, Nitrile, EPDM, SBR, Natural rubber).
- Applicable fluids: Air, Compressed air, water, sea water, hot water, weak acid, alkalis, etc.
- Flange drilling: JIS, DIN, ANSI, BS and other standard drilling for your specification.
- Tolerances for installation should not over 30% of Allowable movements.
- Control rods must be installed when pressure (test surge, operating, starting a pump, etc.) exceeds the rating below

Size	1"-4"	5"-10"	12"-14"	16"-24"
Rating	150 psi	135 psi	90 psi	45 psi