

Multi-ply Expansion Joint (MEJ)

Expansion Joint - MEJ

Part No.: MEJ

Construction: Convuluted

Material: 304, 321, 316, Incoloy, Inconel, Nickel, Hastelloy

Profile: Medium Flexibility / High Pressure

Liner: Standard Flow Liner

Size Available: 2" - 60"

(Larger sizes upon Request)

Temperature: -196°C +900°C

	Low	Med	High
Flexibility	☐	☒	☐
Cycle Life	☐	☐	☒
Pressure Rating	☐	☐	☒
Chemical Resistance	☐	☐	☒
Wall Thickness	☐	☐	☒

Construction

Use:

Used for vibration and absorbing thermal expansion in exhaust, gas ducting and low pressure systems. Relieves stresses caused by vibration. Specially designed multi ply element. Internal flow liners for eliminating velocity and flow problems fitted as standard.



Specifications

Part Number	Nom	Length		Max. Working Pressure	Movements			Spring Rate	Pressure Thrust
	Bore	Flanged	Weld Ends		Axial	Lateral	Angular		
	(mm)	(mm)	(mm)		(mm)	(mm)	(Deg)		
50 MEJ-100	50	145	218	100	16	4	12	59	0.4
65 MEJ-100	65	180	234	100	29	5	14	36	0.7
80 MEJ-100	80	180	240	100	26	6	14	26	0.9
100 MEJ-100	100	190	278	100	28	6	14	63	1.4
125 MEJ-100	125	215	313	100	28	7	14	69	2.0
150 MEJ-100	150	215	338	100	26	8	14	78	2.8
200 MEJ-100	200	225	330	100	39	8	13	106	4.7
250 MEJ-100	250	330	400	100	84	10	14	38	7.4
300 MEJ-100	300	330	400	100	86	11	14	44	10
350 MEJ-100	350	330	400	100	88	11	14	46	12
400 MEJ-100	400	330	400	100	76	10	13	64	15
450 MEJ-100	450	330	400	100	78	11	13	68	19
500 MEJ-100	500	330	400	100	81	12	13	75	23
600 MEJ-100	600	330	400	100	84	10	12	88	33
650 MEJ-100	650	400	460	100	84	10	14	132	38
700 MEJ-100	700	400	460	100	84	10	14	136	43
750 MEJ-100	750	400	490	100	96	12	14	123	50
800 MEJ-100	800	400	490	100	96	12	14	129	58
850 MEJ-100	850	400	490	100	98	11	13	139	64
900 MEJ-100	900	400	490	100	98	10	13	146	71
950 MEJ-100	950	400	490	100	90	10	13	153	79
1000 MEJ-100	1000	400	490	100	90	9	10	166	85
1050 MEJ-100	1050	400	490	100	90	8	10	164	96

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