

INTAFLEX Rubber Expansion Joints

INTAFLEX rubber expansion joints are manufactured for suction and delivery due to our industry leading rubber moulding techniques, combined high quality reinforcements and elastomers these expansion joints can achieve high burst pressures, with a standard working pressure of 1600 kpa in most sizes and 1034 to 860 kpa in the remainder sizes. In addition these expansion joints can be used for suction due to the spherical design of the rubber element.



SINGLE – SPHERE With Bolt-On flanges

Nominal Diameter		Installed Length (mm)			Travel (mm)	Allowable Movements from Neutral				Working Pressures	
inch	mm	Length of Rubber (L)	Length of Flange (I)	Min - Max Installed	Total Compressed Extended	Axial Compression	Axial Extension	Lateral Deflection	Angular Degrees	Positive P.S.I.G at 80°C	Vacuum Rating mm
3/4"	20	130	24.5	116 - 130	113 - 135	13	9	13	15°	225	660
1"	25	130	30	116 - 130	113 - 135	13	9	13	15°	225	660
		152	30	143 - 157	140 - 162	13	9	13	15°	225	660
1 1/4"	32	95	31.5	89 - 97	87 - 99	8	4	8	15°	225	660
		130	31.5	116 - 130	113 - 135	13	9	13	15°	225	660
		152	31.5	143 - 157	140 - 162	13	9	13	15°	225	660
1 1/2"	40	95	37	89 - 97	87 - 99	8	4	8	15°	225	660
		130	37	116 - 130	113 - 135	13	9	13	15°	225	660
		152	37	143 - 157	140 - 162	13	9	13	15°	225	660
2"	50	95	38	99 - 107	99 - 110	8	5	8	15°	225	660
		130	38	116 - 130	113 - 135	13	9	13	15°	225	660
		152	38	143 - 157	140 - 162	13	9	13	15°	225	660
2 1/2"	65	115	43	107 - 118	103 - 121	12	6	10	15°	225	660
		130	43	116 - 130	113 - 135	13	9	13	15°	225	660
		152	43	143 - 157	140 - 162	13	9	13	15°	225	660
3"	80	130	42	116 - 130	113 - 135	13	9	13	15°	225	660
		152	42	143 - 157	140 - 162	13	9	13	15°	225	660

- Flange is available with BSP Thread and NPT



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Data sheet number:	INTA-16
Issue date:	5.08.21
Approved:	CG/TO

