

PTFE Expansion Joint 2 - Convoluted (PEJ2)

PTFE Expansion Joint - PEJ2

Part No.: PEJ2

Construction: Convoluted

Profile: High Flexibility / Medium Pressure

Liner: Optional

Size Available: 1" - 12"

(Larger sizes upon Request)

Temperature: 10°C +204°C

Low | Med | High

Flexibility ☐ ☐ ☒

Cycle Life ☐ ☐ ☒

Pressure Rating ☐ ☒ ☐

Chemical Resistance ☐ ☐ ☒

Wall Thickness ☐ ☒ ☐

Construction

Use:

PTFE bellows are specifically designed to compensate for pipe expansion, vibration and misalignment in process piping and vessels. PTFE bellows are constructed from uniform-walled isostatically molded PTFE and demonstrate a high level of design consistency throughout the product line.



Specifications

Part Number	Nom Bore (mm)	Length (mm)	Flare Diameter (mm)	Max. Working Pressure (10°C) kPa	Movements		Weight kg
					± Maximum Travel (mm)	Maximum Misalignment (mm)	
PEJ-25-2	25	34	50	1378	6	3	1.17
PEJ-38-2	38	38	73	1378	6	3	1.63
PEJ-50-2	50	48	92	1378	6	3	3.53
PEJ-65-2	65	50	104	1378	8	3	4.89
PEJ-80-2	80	67	127	1378	10	4	5.94
PEJ-100-2	100	67	157	1378	12	6	8.25
PEJ-125-2	125	72	185	1378	17	6	10.16
PEJ-150-2	150	72	216	1378	12	6	12.56
PEJ-200-2	200	94	269	1170	20	6	18.59
PEJ-250-2	250	102	323	1170	25	6	27.26
PEJ-300-2	300	105	381	1034	25	6	40.68

*See Operating Pressure vs. Temperature graph for correction factors. Page 105

Applications

