

PTFE Expansion Joint 5 - Convoluted (PEJ5)

PTFE Expansion Joint - PEJ5

Part No.: PEJ5

Construction: Convoluted

Profile: High Flexibility / Medium Pressure

Liner: Optional

Size Available: 1" - 6"

(Larger sizes upon Request)

Temperature: 10°C +204°C

Low | Med | High

Flexibility ☐ ☐ ☒

Cycle Life ☐ ☐ ☒

Pressure Rating ☐ ☒ ☐

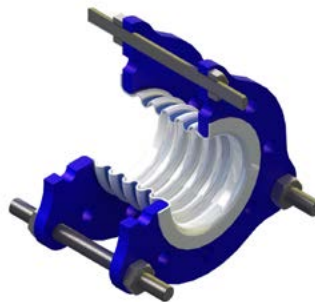
Chemical Resistance ☐ ☐ ☒

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-25-5	25	68	50	703	21	12	1.31
PEJ-38-5	38	81	73	703	27	12	1.95
PEJ-50-5	50	100	92	703	27	12	3.94
PEJ-80-5	80	125	127	703	27	12	6.71
PEJ-100-5	100	132	157	703	33	15	9.25
PEJ-150-5	150	144	216	703	39	15	14.42

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

Applications

