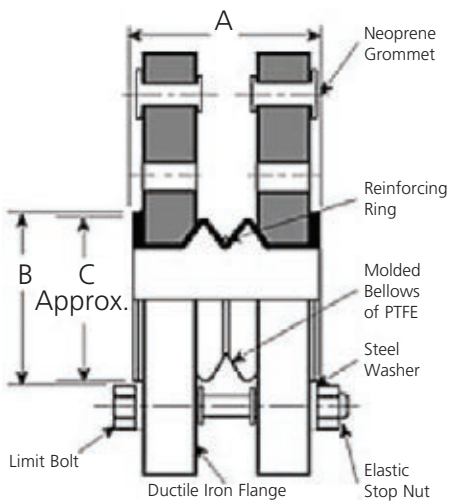
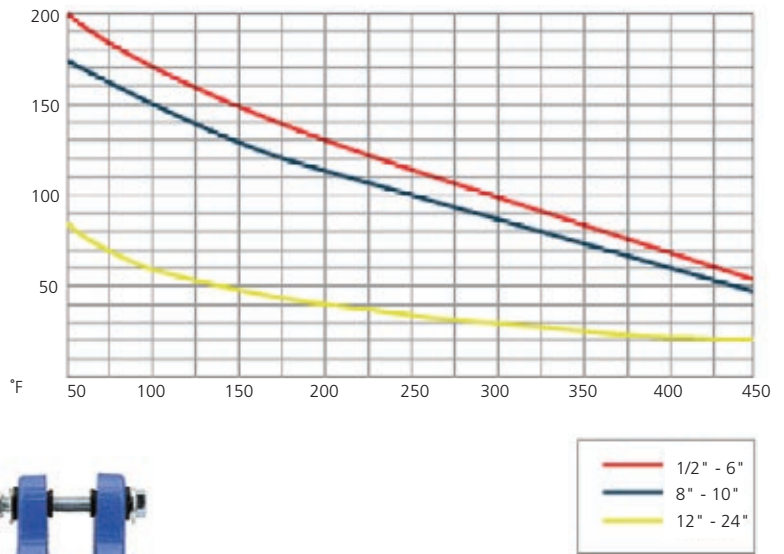


3.31 | Teflon® Expansion Joint

(PEJ2) 2-Convolute TEFLON® PTFE Expansion Joint

2-convolute expansion joints are contour moulded of TEFLON® PTFE by a patented process. They are corrosion resistant, non-ageing, with extraordinary flex life and reliability. The flexible element is formed over the full sealing face of the end flanges eliminating troublesome separate gaskets.



Size (I.D.) (in.)	A †		B	C	Maximum Misalignment *	Compression Force Spring Rate (lbf / in.)	Extension Force Spring Rate (lbf / in.)	Misalignment Force Spring Rate (lbf / in.)	Weight (lbs)	Vacuum Rating (in. Hg/°F)
	Neutral Length	Max. m Travel ±								
1	1 3/8	1/4	2	1 7/8	1/8	104	80	104	2	FV/450
1 1/2	1 3/8	1/4	2 7/8	2 27/64	1/8	320	180	224	3	
2	1 9/16	1/4	3 5/8	3	1/8	512	300	240	7	
2 1/2	2 1/4	5/16	4 1/8	3 1/2	1/8	457	278	328	10	
3	2 1/4	3/8	5	4 1/2	3/16	648	320	319	10	
4	2 5/8	1/2	6 3/16	5 1/2	1/4	480	280	400	18	FV/400
5	3 1/4	1/2	7 5/16	6 1/2	1/4	440	440	320	24	
6	2 3/4	1/2	8 1/2	8	1/4	440	386	440	29	
8	4	1/2	10 5/8	10 5/64	1/4	450	390	480	47	FV/250
10	5 1/4	1/2	12 3/4	11 3/4	1/4	760	600	580	64	FV/75
12	6	1/2	15	15	1/4	3300	420	700	115	

Diameters up to 24" are available on request.

All Dimensions in inches.

* At neutral length with limit bolts in place.

Maximum (axial) travel is based on installation with no misalignment or angular deflection. 12" size supplied only with crest rings in stainless steel.

† This is an installation dimension not a limit bolt setting.

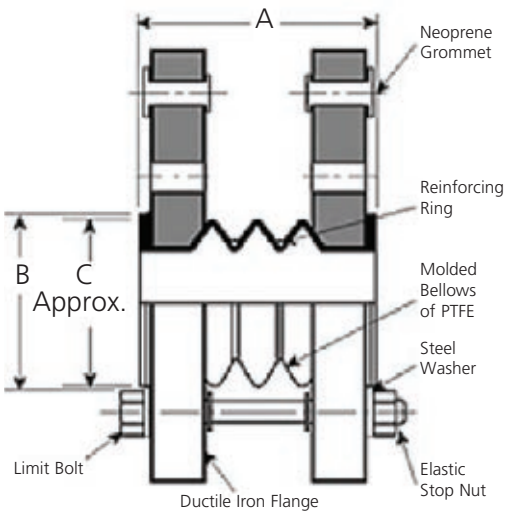
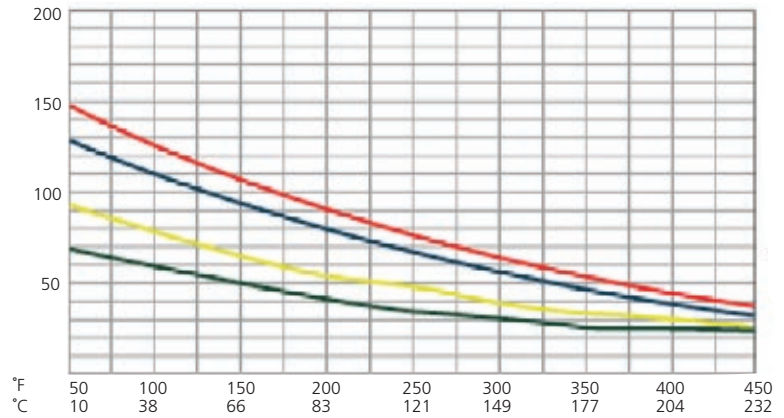
NOTE: Angular Deflection approx. 7°. Consult Factory for spring rates for angular deflection.

Flanges available in Carbon steel Zinc Chromate Plated, Ductile Iron and Stainless Steel

3.32 | Teflon® Expansion Joint

(PEJ3) Convolute TEFLON® PTFE Expansion Joints

3-Convolute expansion joints are contour moulded of TEFLON® PTFE by a patented process. They are corrosion resistant, nonageing, with extraordinary flex life and reliability. The flexible element is formed over the full sealing face of the end flanges eliminating troublesome separate gaskets.



Size (I.D.) (in.)	A †		B	C	Maximum Misalignment *	Compression Force Spring Rate (lbf / in.)	Extension Force Spring Rate (lbf / in.)	Misalignment Force Spring Rate (lbf / in.)	Weight (lbs)	Vacuum Rating (in. Hg/°F)
	Neutral Length	Max. Travel + Or -								
1	1 3/4	1/2	2	1 57/64	1/4	190	82	96	2	FV/400
1 1/2	2	1/2	2 7/8	2 35/64	1/4	84	66	108	4	
2	2 3/4	3/4	3 5/8	3 13/32	3/8	69	76	109	8	
2 1/2	3 3/16	3/4	4 1/8	3 13/16	3/8	91	97	160	11	
3	3 5/8	1	5	4 41/64	1/2	124	125	194	13	
4	3 5/8	1	6 3/16	5 11/16	1/2	220	155	264	19	
5	4	1	7 5/16	6 5/8	1/2	320	210	324	25	FV/300
6	4	1 1/8	8 1/2	8	9/16	289	187	266	30	FV/125
8	6	1 1/8	10 5/8	10 5/16	9/16	178	218	423	48	

Diameters up to 24" are available on request.

All Dimensions in inches.

* At neutral length with limit bolts in place. Maximum (axial) travel is based on installation with no misalignment or angular deflection.

† This is an installation dimension not a limit bolt setting.

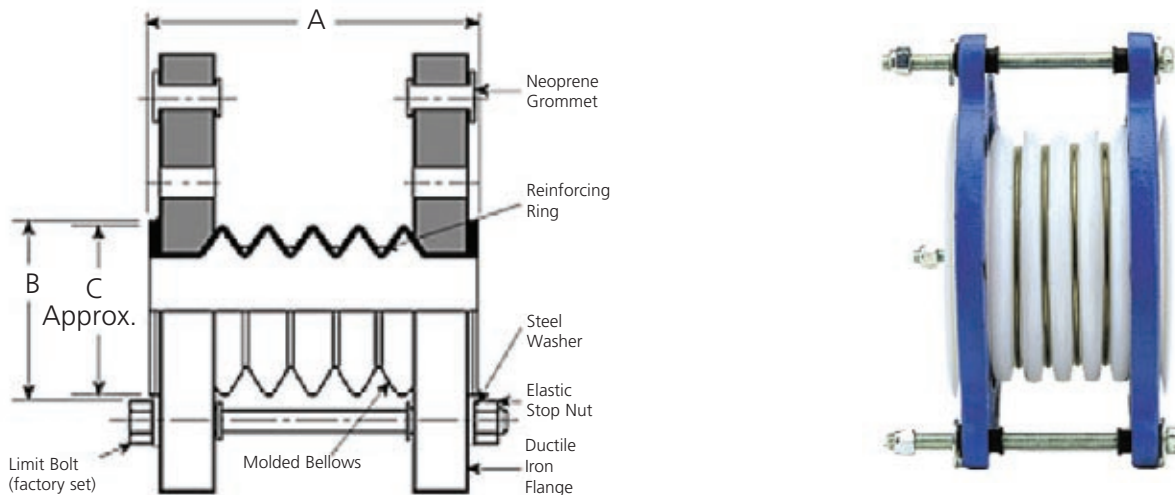
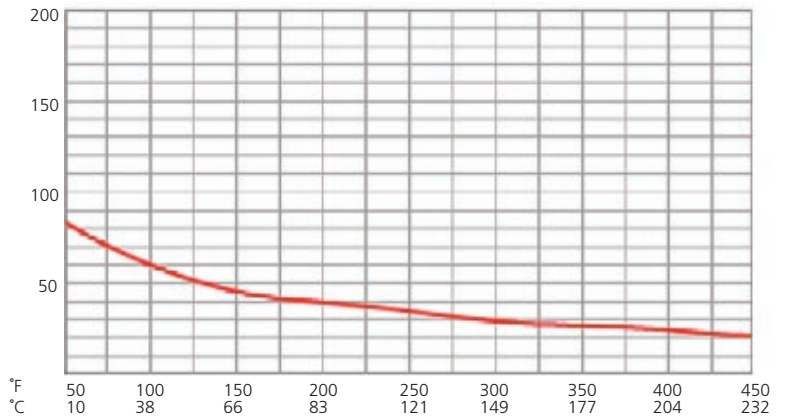
NOTE: Angular Deflection approx. 14°. Consult Factory for spring rates for angular deflection.

Flanges available in Carbon steel Zinc Chromate Plated, Ductile Iron and Stainless Steel

3.33 | Teflon® Expansion Joint

(PEJ5) Convolute TEFLON® PTFE Expansion Joints

5-convolute expansion joints are contour moulded of TEFLON® PTFE by a patented process. They are corrosion resistant, non-ageing, with extraordinary flex life and reliability. The flexible element is formed over the full sealing face of the end flanges eliminating troublesome separate gaskets.



Size (I.D.) (in.)	A †		B	C	Maximum Misalignment *	Compression Force Spring Rate (lbf / in.)	Extension Force Spring Rate (lbf / in.)	Misalignment Force Spring Rate (lbf / in.)	Weight (lbs)
	Neutral Length	Max. Travel + Or -							
1	3	1/2	2	1 57/64	1/2	30	44	22	2
1 1/2	3 1/2	3/4	2 7/8	2 35/64	1/2	75	83	46	5
2	4	1	3 5/8	3 13/32	1/2	60	47	50	9
3	5	1	5	4 41/64	1/2	55	60	170	14
4	5 1/4	1 1/4	6 3/16	5 11/16	5/8	72	60	80	20
6	6	1 1/4	8 1/2	8	5/8	190	130	195	31

All Dimensions in inches.

* At neutral length with limit bolts in place.

Maximum (axial) travel is based on installation with no misalignment or angular deflection.

† This is an installation dimension not a limit bolt setting.

NOTE: Angular Deflection approx. 14°. Consult Factory for spring rates for angular deflection.

Flanges available in Carbon steel Zinc Chromate Plated, Ductile Iron and Stainless Steel