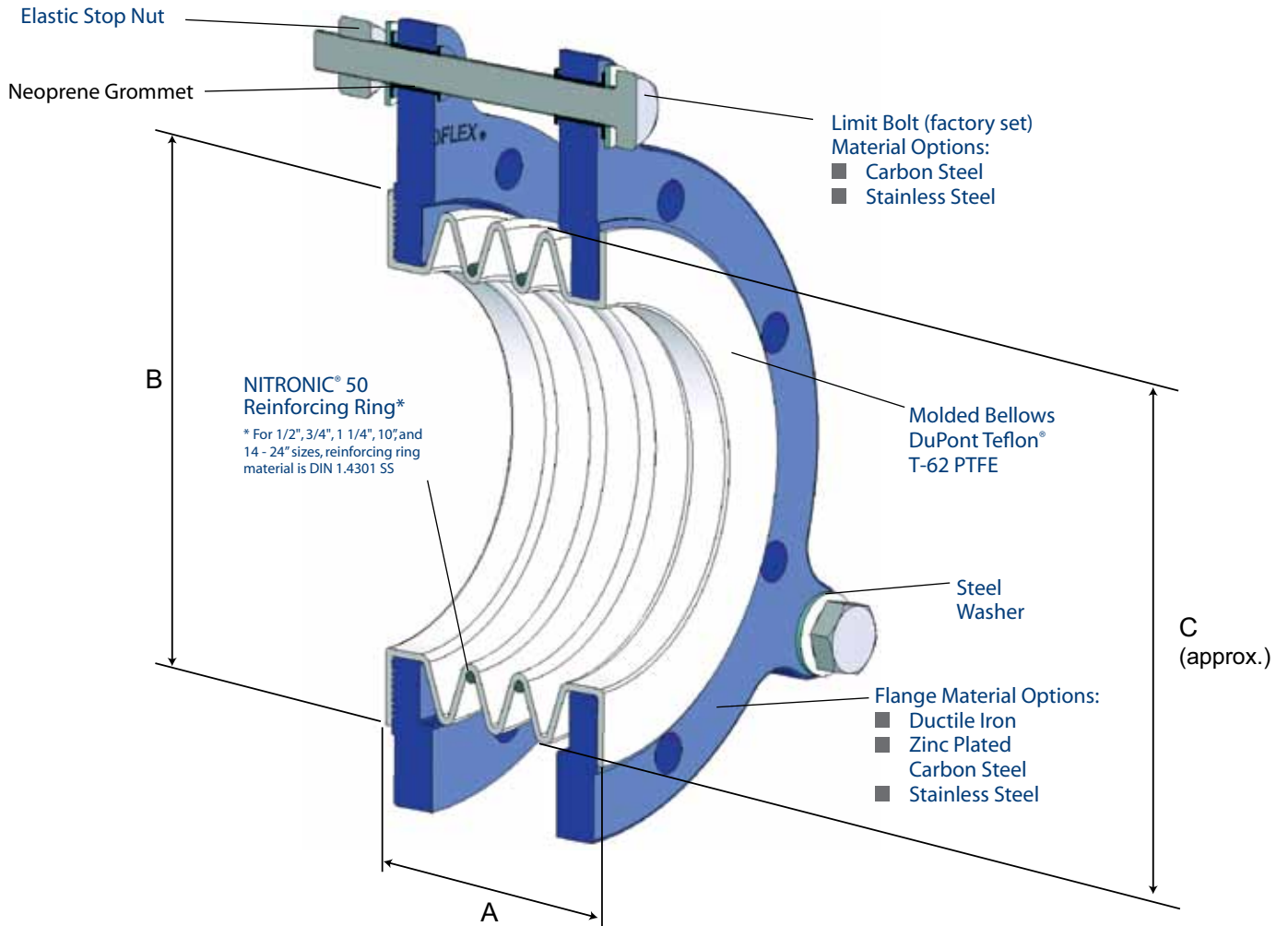
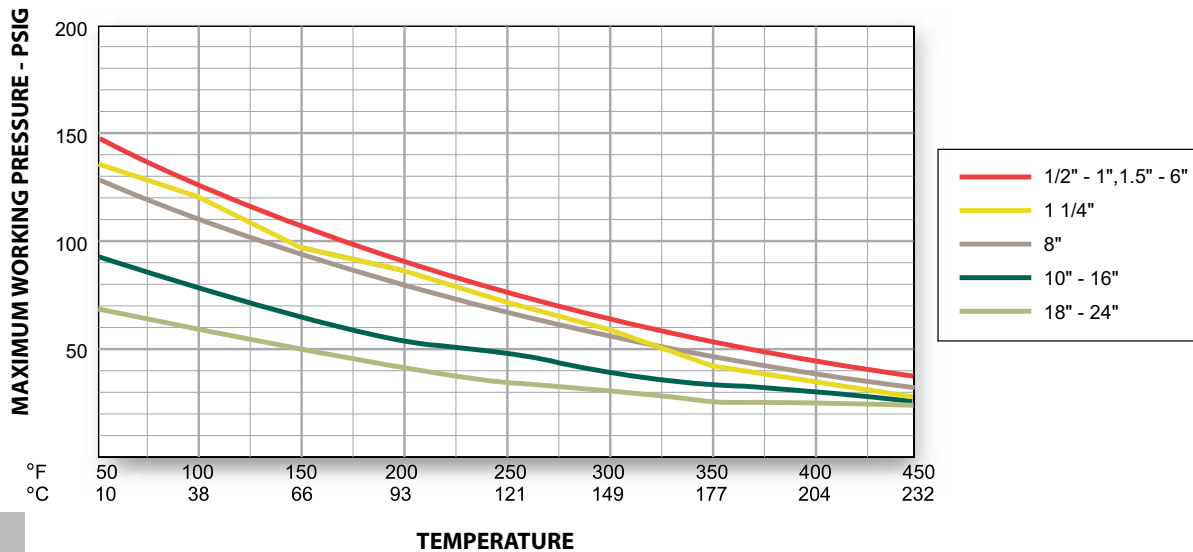


RESISTOFLEX®

R6905 - 3 Convoluted PTFE Expansion Joint



NON-SHOCK WORKING PRESSURE vs. TEMPERATURE



R6905 - 3 Convoluted PTFE Expansion Joint

Nom. Size (I.D.)	Part Number	A †		B Flare Diameter	C Convolute O.D.	Maximum Misalignment + or -	Max. Angular Deflection + or -	Compression Force Spring Rate (lb _f / in.)	Extension Force Spring Rate (lb _f / in.)	Misalignment Force Spring Rate (lb _f / in.)	Wt. (lbs.)	Vacuum Rating (In. Hg ^o PF)
		Neutral Length	Max. Axial Travel + or -									
1/2	R6905-008	1 3/4	3/8	1 3/8	1	3/16	14°	CF	CF	CF	3	FV/450
3/4	R6905-012	1 3/4	1/2	1 11/16	1 11/32						4	
1	R6905-016	1 3/4	1/2	2	1 57/64	1/4	14°	190	82	96	2	FV/400
	R6905E-016	2 5/16						130	130	260		
1 1/4	R6905-020	1 13/16	1/2	2 1/2	1 11/64	1/4	14°	40	120	314	5	FV/400
1 1/2	R6905-024	2	1/2	2 7/8	2 35/64	1/4	14°	84	66	108	4	FV/400
	R6905E-024	2 13/32	17/32				12°	80	70	110		
2	R6905-032	2 3/4	3/4	3 5/8	3 13/32	3/8	14°	69	76	109	8	FV/400
	R6905E-032	2 1/2	17/32				12°	70	80	160		
2 1/2	R6905-040	3 3/16	3/4	4 1/8	3 13/16	3/8	14°	91	97	160	11	FV/400
3	R6905-048	3 5/8	1	5	4 41/64	1/2	14°	124	125	194	13	FV/400
	R6905E-048	2 29/32	5/8				10°	140	160	190		
4	R6905-064	3 5/8	1	6 3/16	5 11/16	1/2	14°	220	155	264	19	FV/400
	R6905E-064	3 1/16	21/32				10°		160	190		
5	R6905-080	4	1	7 5/16	6 5/8	1/2	14°	320	210	324	25	FV/300
6	R6905-096	4	1 1/8	8 1/2	8	9/16	14°	289	187	266	30	FV/300
	R6905E-096	3 3/8	23/32				9°	350	190	540		
8	R6905-128	6	1 1/8	10 5/8	10 5/16	9/16	14°	178	218	423	48	FV/125
	R6905E-128	3 21/32	25/32		10 3/16		9°	450	170	750		
10*	R6905-160	7	1 3/16	12 3/4	11 3/4	1/2	14°	420	531	857	60	10/212
12	R6905-192	7 7/8	1 3/16	15	15	5/8	14°	743	542	857	77	10/212
14	R6905-224	8 1/2	1 1/4	16 1/4	17 1/4	11/16	14°	239	628	970	132	10/212
16	R6905-256	9 3/16	1 3/8	18 1/2	18 3/16	3/4		245	571	970	165	10/212
18	R6905-288	11 1/16	1 3/16	21	20 1/4	3/4		CF	CF	CF	201	9/212
20	R6905-320	12 7/8	1 3/16	23	21 27/32	1					243	9/212
24	R6905-384	11 7/8	1	27 1/4	26 3/16	3/4					309	4/212

All Dimensions in inches unless otherwise noted.

† 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.

CF = Consult Factory

FV = Full Vacuum

NOTE: Consult factory for spring rates for angular deflection.

Standard Material Offering

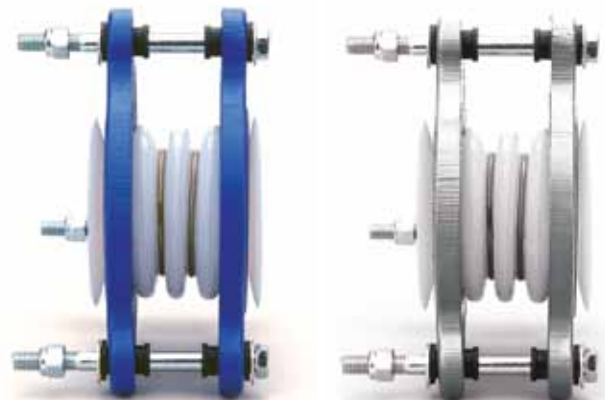
Size (in.)	Flange	Limit Bolt	Reinforcing Ring
1 - 12	Painted Ductile Iron	Carbon Steel	NITRONIC® 50*
1/2, 3/4, 1 1/4, 14-24	Zinc Plated Carbon Steel	Carbon Steel	DIN 1.4301 Stainless Steel

* 10" size has ductile iron flanges and DIN 1.4301 reinforcing ring

Stainless

■ 316 Stainless steel flanges and limit bolts are available as an option.

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Warning
Always Use Safety Shields
in Hazardous Service