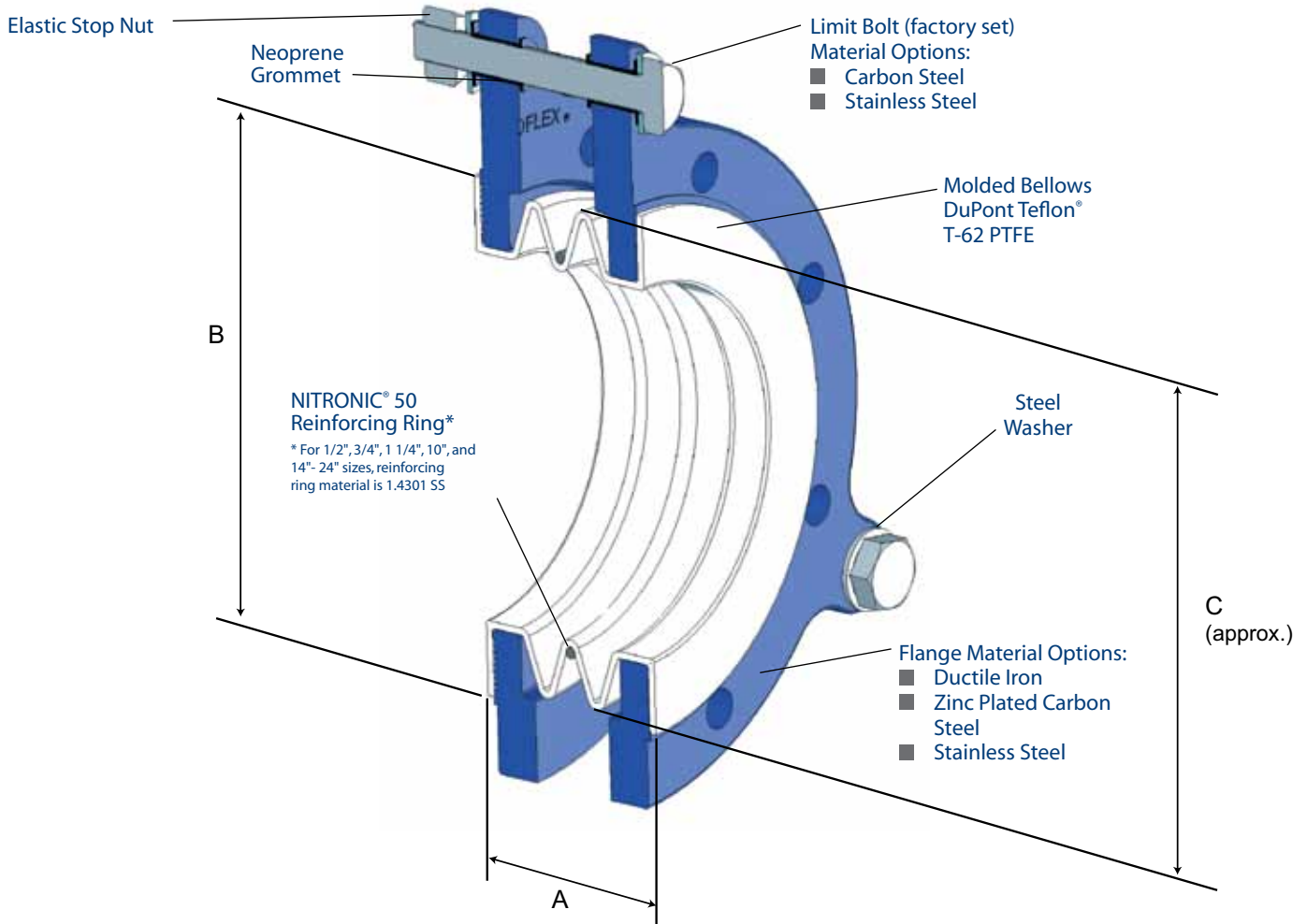
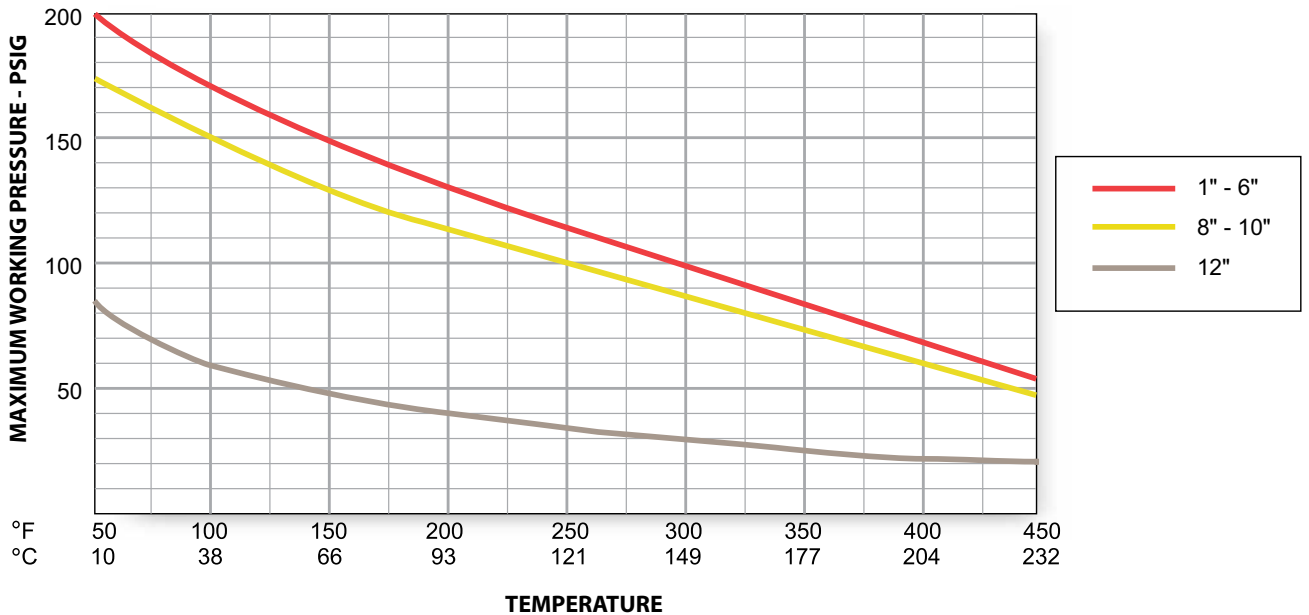


RESISTOFLEX®

R6904 - 2 Convoluted PTFE Expansion Joint



NON-SHOCK WORKING PRESSURE vs. TEMPERATURE



RESISTOFLEX®

R6904 - 2 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/°F)
		Neutral Length	Max. Axial Travel + or -									
1/2	R6904-008	1 1/4	7/32	1 3/8	1	1/16	7°	CF	CF	CF	3	FV/450
3/4	R6904-012	1 1/4	1/4	1 11/16	1 11/32	3/32						
1	R6904-016	1 3/8	1/4	2	1 7/8	1/8	7°	104	80	104	2	FV/425
	R6904E-016	1 3/4	11/32					140	144	120		
1 1/4	R6904-020	1 3/8	1/4	2 1/2	1 11/64	1/8	7°	61	137	400	5	FV/400
1 1/2	R6904-024	1 3/8	1/4	2 7/8	2 27/64	1/8	7°	320	180	224	3	FV/425
	R6904E-024	1 13/16	11/32					240	200	240		
2	R6904-032	1 9/16	1/4	3 5/8	3	1/8	7°	512	300	240	7	FV/425
	R6904E-032	1 7/8	11/32					430	350	440		
2 1/2	R6904-040	2 1/4	5/16	4 1/8	3 1/2	1/8	7°	457	278	328	10	FV/425
3	R6904-048	2 1/4	3/8	5	4 1/2	3/16	7°	648	320	319	10	FV/425
	R6904E-048	2 3/16	13/32					650		350		
4	R6904-064	2 5/8	1/2	6 3/16	5 1/2	1/4	7°	480	280	400	18	FV/400
	R6904E-064	2 9/32	7/16					360		630		
5	R6904-080	3 1/4	1/2	7 5/16	6 1/2	1/4	7°	440	440	320	24	FV/400
	R6904-096	2 3/4	1/2					8 1/2	8	1/4		
R6904E-096	2 17/32	15/32	460	350	720							
8	R6904-128	4	1/2	10 5/8	10 5/16	1/4	7°	450	390	480	47	FV/250
	R6904E-128	2 3/4	17/32		10 3/16			300	230	800		
10	R6904-160	5 1/4	1/2	12 3/4	11 3/4	1/4	7°	760	600	580	64	FV/250
	R6904E-160	2 31/32	9/16				6°	1280	870	1000		
12	R6904-192	6	1/2	15	15	1/4	7°	1300	420	700	115	FV/75
	R6904E-192	3 3/32	19/32				5°	380	240	1000		
14	R6904-224	6 5/16	3/4	16 1/4	17 1/4	3/8	7°	320	1056	1256	126	10/212
16	R6904-256	7	1	18 1/2	18 3/16			297	1096	1256	159	
18	R6904-288	7 15/16		21	20 1/4			440	1941	1370	174	
20	R6904-320	9		23	21 27/32			CF	CF	CF	183	
24	R6904-384	6 5/16	5/8	27 1/4	26 3/16			238	4/212			

All Dimension 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



Warning
Always Use Safety Shields
in Hazardous Service

Stainless

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