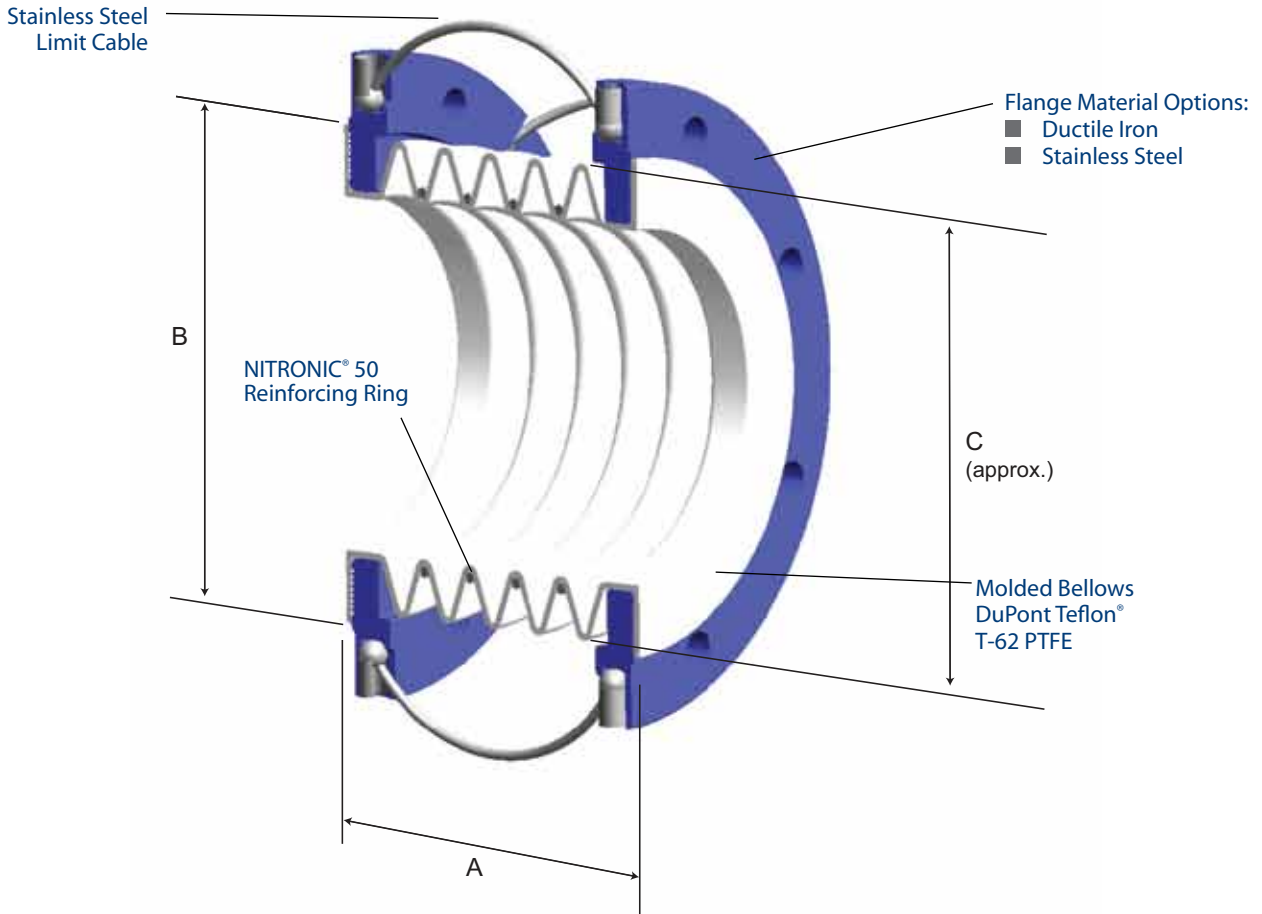
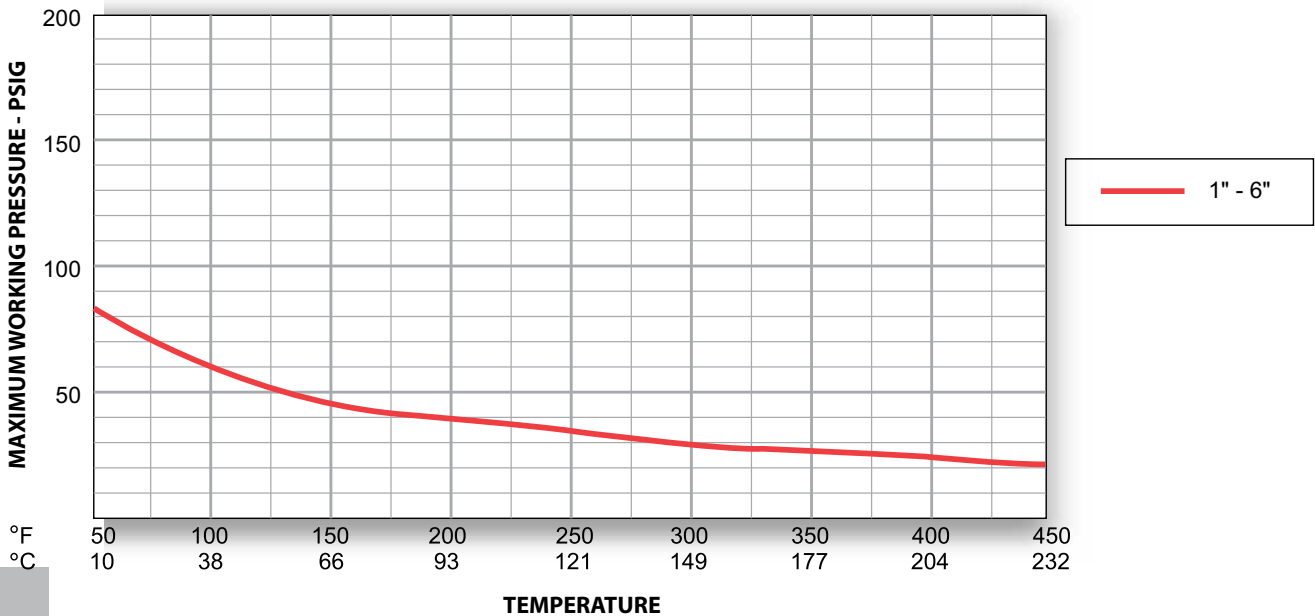


RESISTOFLEX®

E6906 - 5 Convoluted Expansion Joint



NON-SHOCK WORKING PRESSURE vs. TEMPERATURE



E6906 - 5 Convolute Expansion Joint

Nom. Size (I.D.)	Part Number	A		B Flare Dia.	C Convolute O.D.	Maximum Misalignment + or -	Max. Angular Deflection + or -	Compression Force Spring Rate (lb./in.)	Extension Force Spring Rate (lb./in.)	Misalignment Force Spring Rate (lb./in.)	Wt. (lbs.)	Vacuum Rating
		Neutral Length	Max Axial Travel + or -									
1	E6906-016	3 1/2	27/32	2	1 57/64	5/8"	39°	50	110	50	3	These Units Are Not Rated for Vacuum Service
1 1/2	E6906-024	3 5/8	7/8	2 7/8	2 35/64	21/32"	32°	75	80	50	7	
2	E6906-032	3 3/4	7/8	3 5/8	3 13/32	21/32"	29°	60	50	50	10	
3	E6906-048	4 3/8	1 1/32	5	4 41/64	25/32"	25°	55	60	170	16	
4	E6906-064	4 9/16	1 3/32	6 3/16	5 11/16	13/16"	21°	70	60	80	23	
6	E6906-096	5 1/32	1 3/16	8 1/2	8	29/32"	17°	190	130	195	34	

All Dimensions in inches.

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

Flange Material = Ductile Iron

Limit Cable Material = Stainless Steel

Retaining Ring Material = NITRONIC® 50 Stainless Steel

► **NOTE:** Consult factory for spring rates for angular deflection.

5-Convolute expansion joints are not recommended for vacuum service. Recommended only for low-pressure applications such as weigh tank connections.



► Safeguarding

Unless they are armored, expansion joints only provide a single process containment layer and are vulnerable to the abuse common in some process plants. Placing an expansion joint into hazardous service without safeguarding increases the risk of serious personal injury or death. Resistoflex requires that safeguarding, such as wrap around safety shields, be used on all expansion joints in hazardous service.

Warning
Always Use Safety Shields
in Hazardous Service