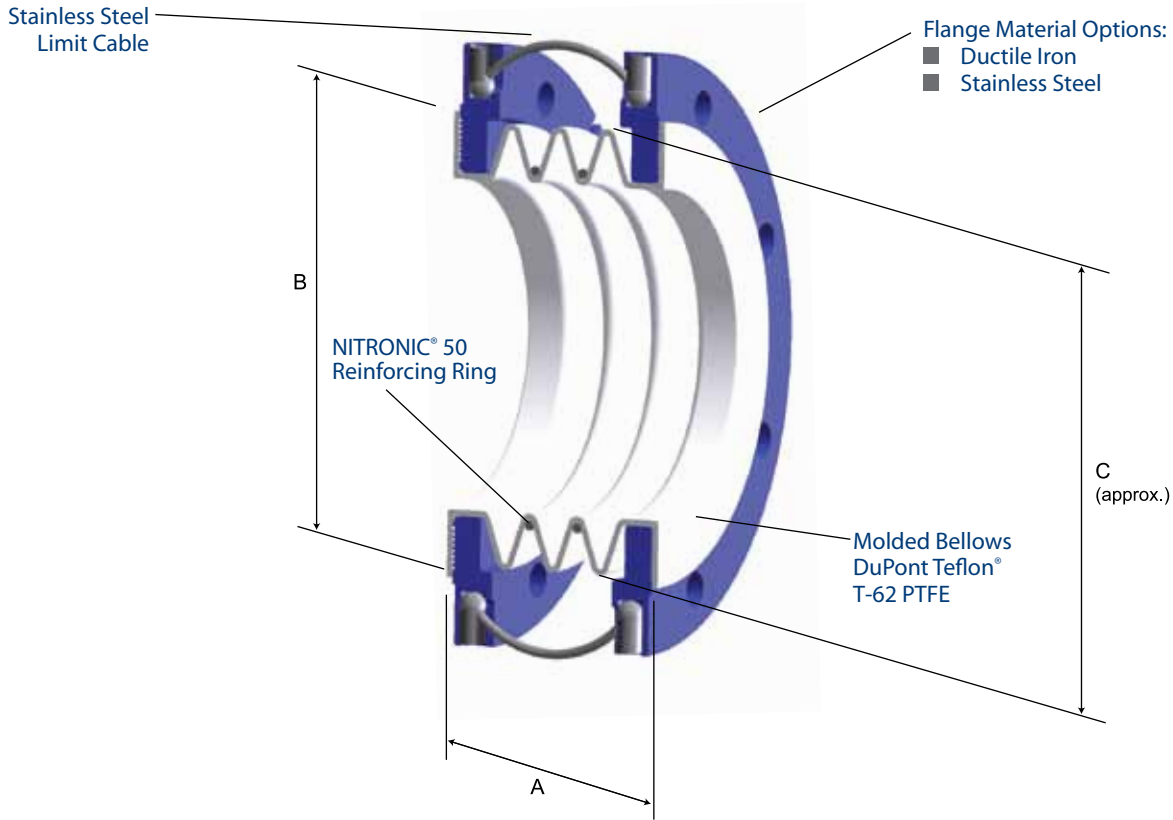
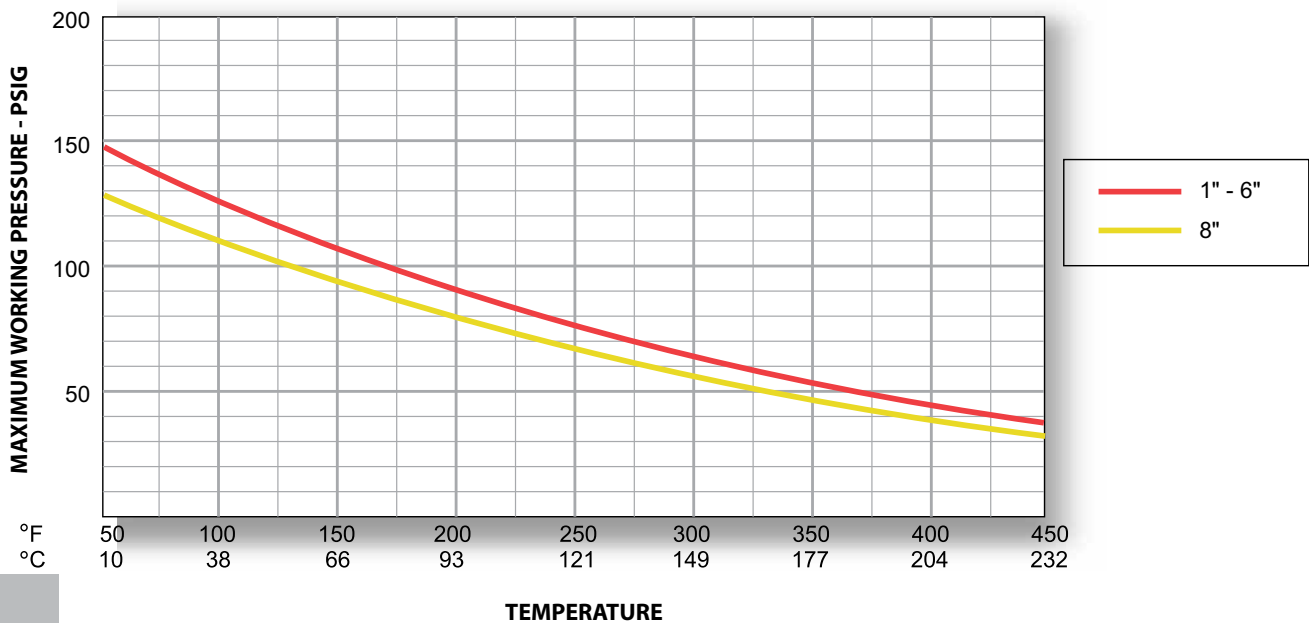


# RESISTOFLEX®

## E6905 - 3 Convoluted Expansion Joint



### NON-SHOCK WORKING PRESSURE vs. TEMPERATURE



## E6905 - 3 Convoluted 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 (in. Hg/°F)
		Neutral Length	Max Axial Travel + or -									
1	E6905-016	2 5/16	1/2	2	1 57/64	3/8	24°	130	130	260	3	FV/400
1 1/2	E6905-024	2 13/32	17/32	2 7/8	2 35/64	3/8	20°	80	70	110	5	
2	E6905-032	2 1/2	17/32	3 5/8	3 13/32	13/32	17°	70	80	160	8	
3	E6905-048	2 29/32	5/8	5	4 41/64	15/32	15°	140	160	190	14	
4	E6905-064	3 1/16	21/32	6 3/16	5 11/16	1/2	13°	220	160	190	19	FV/300
6	E6905-096	3 3/8	23/32	8 1/2	8	17/32	10°	350	190	540	30	
8	E6905-128	3 21/32	25/32	10 5/8	10 3/16	19/32	9°	450	170	750	39	FV/125

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.



**Warning**

**Always Use Safety Shields  
in Hazardous Service**