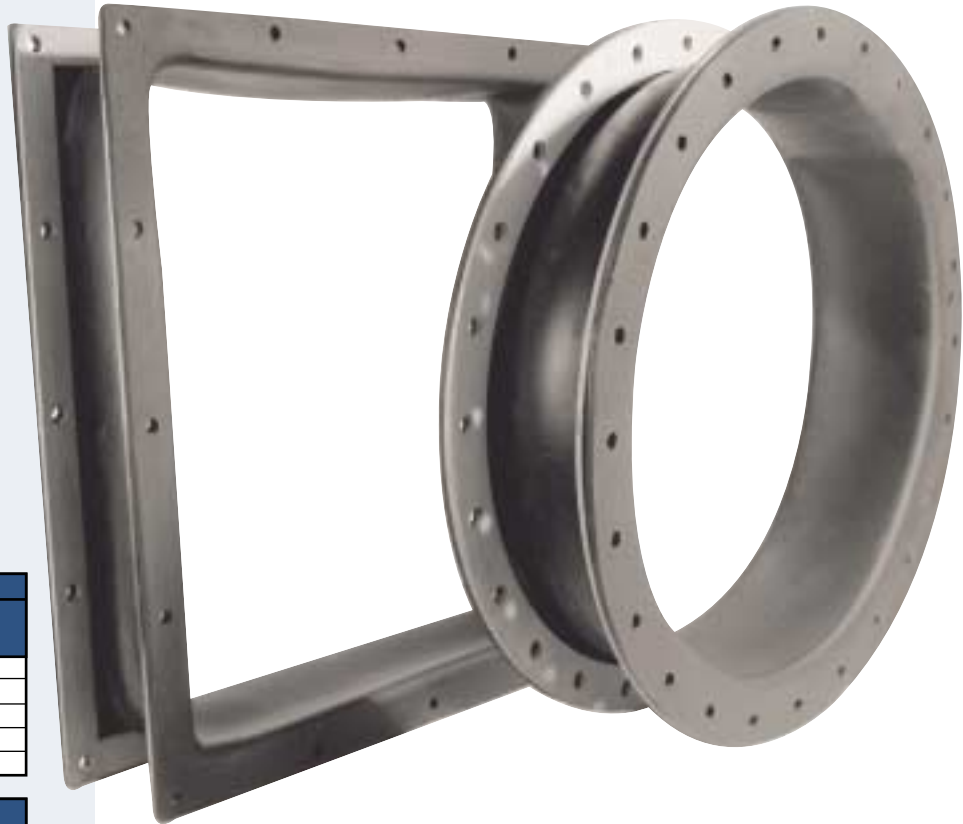


Maxi-Span®

Duct Type Expansion Joints

Features:

- Round and Rectangular Designs in All Styles
- Exceptional All Directional Movement Capability
- Absorbs System Noise, Vibration and Shock
- Compensates for Minor Misalignment and Offset
- Integrally Flanged Design
- Low Stiffness and Deflection Forces
- Simple to Install, Lightweight and High Strength
- Provides Easy Access to Ducting and Equipment
- Carbon Steel, Stainless Steel, or Hot Dipped Galvanized Backup Rings Available for Easy Bolting to Mating Flanges



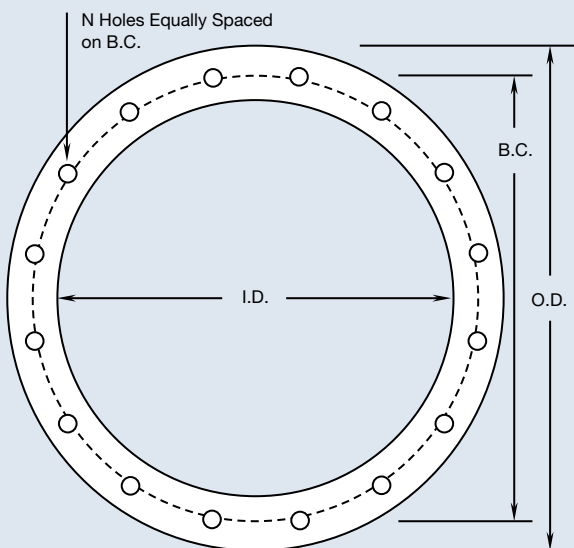
1092 – MOLDED FLANGE, FIXED FACE DESIGN				
Installed LENGTHS (inch)	MFD F/F + (inch)	MOVEMENT CAPABILITIES (inch)		
		Comp.	Ext.	Lateral
3	1/2	1	1/2	1/2
4	1/2	1	1/2	1/2
6	1/2	2	1/2	1
8	1/2	3	1/2	2
12	1/2	4	3/4	3

1093, 1094, 1095 AND 1097 – MOLDED FLANGE VERSATILE FACE TO FACE CONSTRUCTION				
Installed LENGTHS (inch)	MFD F/F + (inch)	MOVEMENT CAPABILITIES (inch)		
		Comp.	Ext.	Lateral
3-1/2 - 6	1/2	2	1/2	1
6-1/2 - 9	3/4	3	3/4	2
9-1/2 - 12	1	4	1	3
12-1/2 - 16	1	5	1	4

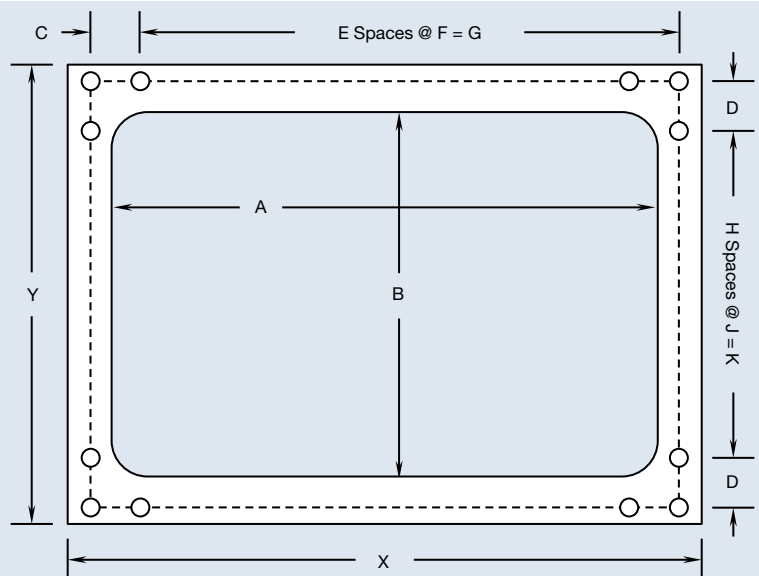
1098 MANDREL MADE CONSTRUCTION
 Dimensions and Movements Tailored for Exceptional Performance.
 Single or Multiple Arches as well as Reducers Available.

Notes:

- 1.) Extension movement capabilities can be increased with additional pre-compression during installation.
- 2.) Anchors should be used to resist the pressure thrust force and isolate the thermal movements between expansion joints.
- 3.) For vacuum or large pre-compressed applications, a set-back may be required to keep the expansion joint from protruding into the gas stream or touching the flow liner/baffle.
- 4.) Retaining Rings/ Backing Bars of 1/4" thickness standard. Suggested bolt spacing at 4" centers max.
- 5.) Flange gaskets suitable for the system temperature and fluid media should be used to ensure a full seal on all fluoroplastic styles. (Style 1093, 1094 and 1095).
- 6.) For full product specifications and installation instructions, see SPEC 1092-1093-1094-1095-1097-1098 and ININ 1092-1093-1094-1095-1097-1098.



Round Flange Detail



Rectangular Flange Detail



Style 1092 & 1097

Features:

- Up to 400°F and ± 5 PSI Continuous Service
- Standard Face to Face Dimensions of Style 1092 Include 3", 4", 6", 8" or 12" with Molded Flanges
- Custom Face to Face Dimensions with Style 1097
- No Gaskets Required
- Wide Variety of Tube and Cover Elastomers Available
- Excellent Chemical and Abrasion Resistance

Style 1093

Features:

- Up to 600°F and ± 5 PSI Continuous Service
- 9 Mil Thick Laminated Fluoroplastic PTFE Corrosion Barrier
- Superior Chemical Resistance
- Zero Porosity in Wet and Dry Service
- Heat Form and Sealed to Any Size and Arrangement

Style 1094

Features:

- Up to 1,000°F and ± 3 PSI Continuous Service
- 1/2" Thick Laminated Fiberglass Insulation Layer
- Laminated Fluoroplastic PTFE Corrosion Barrier
- Heat Form and Sealed to Any Size and Arrangement

Style 1095

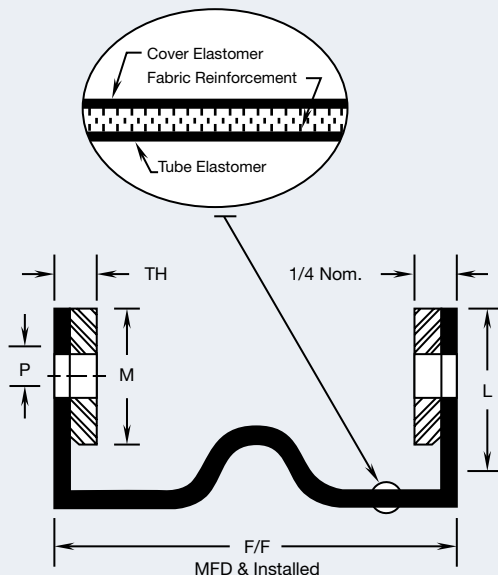
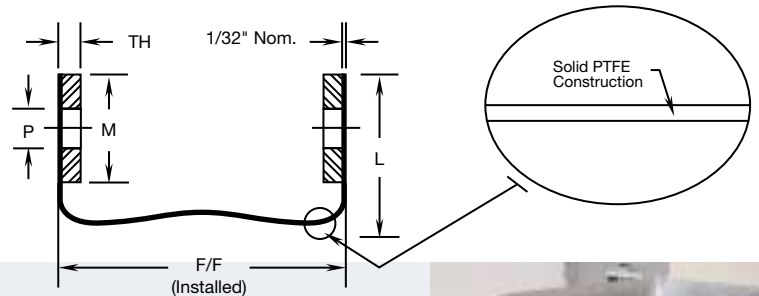
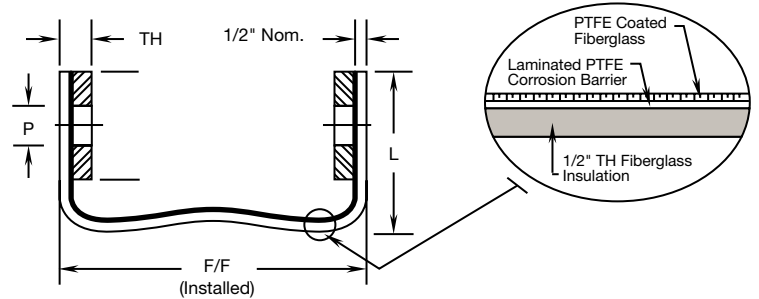
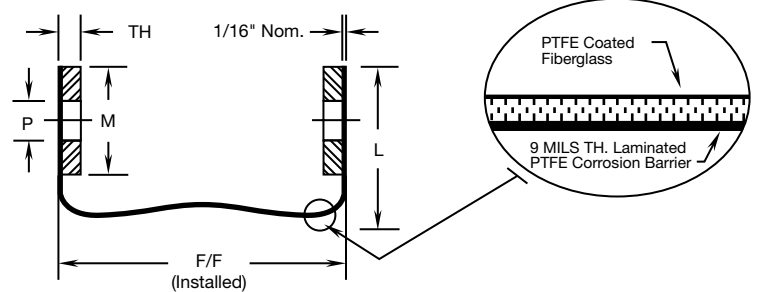
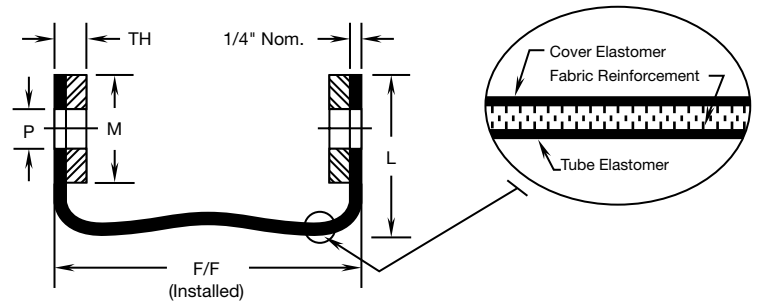
Features:

- Cycle Life in the Millions
- Up to 500°F and ± 3 PSI Continuous Service
- Ultimate Chemical Resistance
- No Fiberglass Component to Fatigue
- Solid Fluoroplastic PTFE Construction
- Heat Form and Sealed to Any Size and Arrangement

Style 1098 Molded Arch Design

Features:

- Versatile Hand-Built Construction allows General Rubber to work with the System Requirements to Develop an Optimal and Cost-Effective Solution
- Single or Multiple Arch Style 1098 is Designed for Round or Rectangular Ducting Systems operating within 400°F and ± 5 PSIG as well as Requiring Significant All Directional Movement and/or Low Deflection Forces
- No Gaskets Required
- Wide Variety of Tube and Cover Elastomers Available
- Excellent Chemical and Abrasion Resistance



Style 1098 with 6 molded arches, Viton® tube and cover developed for Lawrence Livermore National Lab's (NIF) National Ignition Facility Program.