

# Maxi-Joint®

Duct Type Expansion Joints with Rigid Flanges

## Style 1098

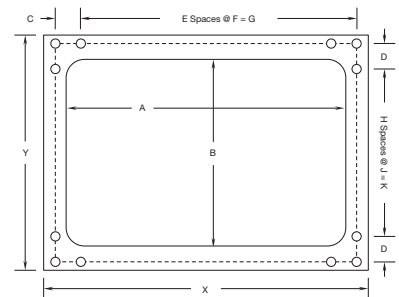
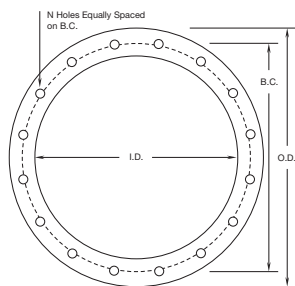
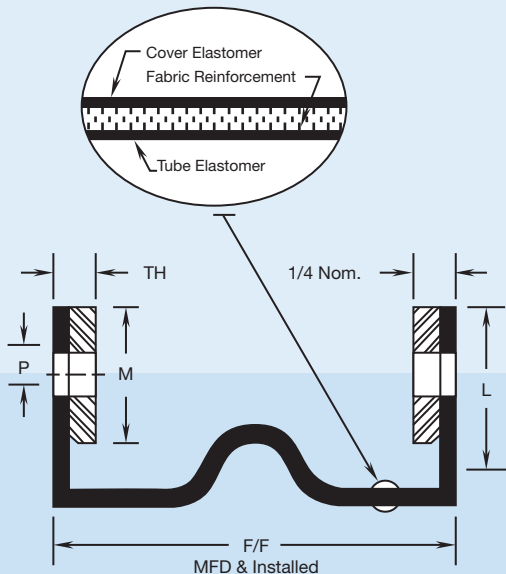
### Features:

- 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  $\pm 3$  PSIG as well as requiring significant all directional movement and/or low deflection forces
- 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
- No gaskets required
- Excellent chemical and abrasion resistance
- Wide variety of tube and cover elastomers available



## Style 1098

Single Layer Molded Arch Type Expansion Joints With Rigid Flanges



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



### Notes:

- 1.) Contact General Rubber with your design conditions and we will provide a detailed drawing with our proposal.
- 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.) For full product specifications and installation instructions, see SPEC 1098-1 and ININ 1098-1.

