

GAR-FLEX® Style 8100 Expansion Joint

GARFLEX® expansion joints feature rugged yet flexible nylon tire cord reinforcement in a molded, spherical bellows design that ensures exceptional burst pressure ratings. The streamlined flowing arch design reduces turbulence and allows smooth, quiet flow without restricted movement you'll find with a filled arch design.

DESIGN

Tube

- » Nitrile bellows with rugged nylon tire cord reinforcement ensures strength without sacrificing flexibility

Cover

- » The homogeneous layer of neoprene rubber can withstand the rigors of weathering and ozone

Flanges

- » Upgraded S235 JRG2 steel flanges

NOTE: GAR-FLEX® Style 8100 expansion joints are supplied with rotating flanges drilled to ASME B16.5/B16.47 Series A Class 125/150 (standard).

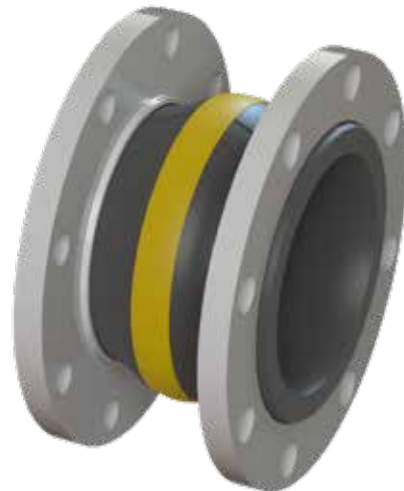
BENEFITS

- » Flowing arch design prevents sediment buildup and reduces turbulence
- » Floating flanges can be rotated to accommodate torsional misalignment
- » Can be installed against flat or raised face pipe flanges without the need for gaskets or spacers
- » Molded spherical bellows accommodate up to one inch of axial movement and transverse deflection
- » The nylon-reinforced nitrile provides the support needed for higher pressure applications without sacrificing flexibility while also providing resistance to most hydrocarbons, oils, and gasoline

NEW FEATURES

Flanges have been upgraded to S235 JRG2 steel with zinc plating.

- » This new plating method provides a chromium-vi free layer of passivation.
- » The 50% thicker layer of zinc plating offers additional corrosion protection and can help reduce the costs of repairs due to corrosive damage by extending the lifespan of your parts.



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