

ISO-GARD®

Garlock KLOZURE®

Non-Metallic Bearing Isolator

KLOZURE® ISO-GARD® bearing isolators offer exceptional bearing protection for pumps, motors, and bearing supported industrial equipment under the harshest conditions.



BENEFITS

- » Filled PTFE construction provides excellent chemical compatibility
- » Unitized construction will not come apart during installation
- » Meets IEEE 841 Test Standards
- » Meets NEMA MG-1
- » Available in a broad range of configurations

TYPICAL APPLICATION

- Rotating equipment with harsh chemical washdown.
- » "Black Liquor" application in paper mills
 - » Food and Beverage industry

DESIGN PARAMETERS

- » Temperature: -22°F (-30°C) to 400°F (204°C)
- » Shaft to bore misalignment: $\pm 0.020"$ (0.51 mm)
- » Axial motion to $\pm 0.015"$ (0.38 mm)
- » Surface speed to 4,500 f/m (22.9 m/s)
- » Pressure: Ambient

LABYRINTH PATH

The tortuous labyrinth path within the ISO-GARD® makes it difficult for outside contaminants to find their way into the housing.



MATERIAL OF CONSTRUCTION

The rotor and the stator are both manufactured with FDA compliant filled PTFE. FDA compliant o-rings are also available upon request.

FLUOROELASTOMER O-RINGS

Standard o-ring material on the rotor and stator provide optimal compression needed for an effective seal.

GARLOCK

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