

# FLEXSEAL® Heat Shield™ Gasket

The flexible graphite filled spiral wound gasket is widely used throughout chemical plants and refineries. Exceptional sealability and fire safety of this gasket make it superior to other types of spiral wound gaskets. It's ideal for thermal oxidizing environments and provides a good choice for plant steam drums, hydrocarbon cat crackers, hydrogen units and exhaust manifolds.

## BENEFITS

- » Fire safe and rated to 1250° F (677° C)
- » Flexible graphite-filled spiral wound gasket has ID and OD filler plies of THERMa-PUR® or mica.
- » THERMa-PUR® or mica layers protect the flexible graphite center from thermal oxidizing atmospheres
- » Metal wire of the gasket can be made of a wide range of materials, depending upon the application

## TYPICAL APPLICATIONS

- » Oxidizing environments
- » Power plant steam drums
- » Hydrocarbon processing catcrackers
- » Chemical plant Oleflex units and ammonium nitrate service
- » Hydrogen units, exhaust manifolds, and more.

## CONSTRUCTION

- » Heat-resistant graphite filler
- » Available with heat- and oxidation-resistant THERMa-PUR® or pure mica filler
- » Spiral-wound wires of a choice of commercially available metals
- » Rings of any standard metal, including INCONEL®\* X750

## A CONTROLLED DENSITY™ GASKET

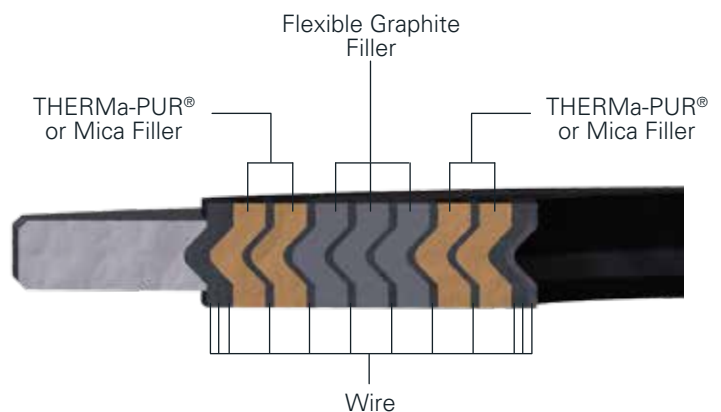
Gasket Style & Material	Gasket M Factor	Gasket Y Factor
Traditional spiral wound gasket 304SS and flexible graphite	3.00	10,000
Garlock CONTROLLED DENSITY™ spiral wound gasket	3.00	7,500

\*Inconel is a registered trademark of Inco Alloys International, Inc.



## SPECIFICATIONS

<b>Temperature, Max.</b>	1250° F (677° C)
<b>Flange Class</b>	150# to 600#
<b>Pipe diameters</b>	2" to 24", specials available



### NOTE:

References made to particular applications are not a guarantee of acceptability of use for these services. Contact Garlock for additional details and to discuss your particular application.

GMG 1-13\_07.2017