

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. However, the graphite has limitations, especially when exposed to strong oxidizing agents and temperatures above 950°F.

Specifications*

Temperature, max.	1250°F (677°C)
Flange Class	150# to 600#
Pipe diameters	2" to 24"; specials available



Value & Benefits

- Available in the EDGE® gasket in diameters of 2" and above
- Best seal for the lowest bolt loads
- Relief tab design provides solid seating of the flange to the gasket centering ring face
- Reduces bolt load caused by thermal cycling
- Eliminates radial buckling
- Prevents catastrophic failure and potential damage to downstream equipment due to wire unraveling

Ideal for

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

Garlock
SEALING TECHNOLOGIES®

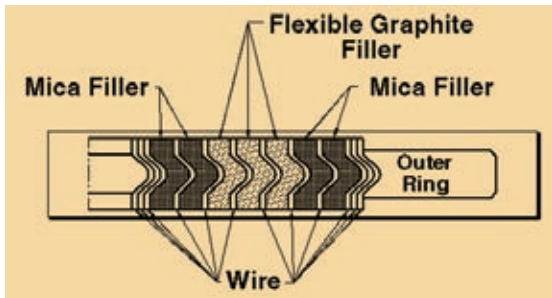
an EnPro Industries company

Specifications

Temperature, max.: 1250°F (677°C)
 Flange class: 150# to 600#
 Pipe diameters: 2" to 24"; specials available

Construction

- Heat-resistant graphite filler
- Heat- and oxidation-resistant 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 304 SS 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.

AUTHORIZED REPRESENTATIVE

Garlock

SEALING TECHNOLOGIES®

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New Heat Shield EDGE®: A Real Upgrade for Your System

- Available in the EDGE® gasket in diameters of 2" and above
- Best seal for the lowest bolt loads
- Relief tab design provides solid seating of the flange to the gasket centering ring face
- Reduces bolt load loss caused by thermal cycling
- Eliminates radial buckling
- Prevents catastrophic failure and potential damage to downstream equipment due to wire unraveling

Ask your local Authorized Garlock Distributor to order the Heat Shield EDGE® gasket for you today.

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.



WARNING:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury.

Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice.

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