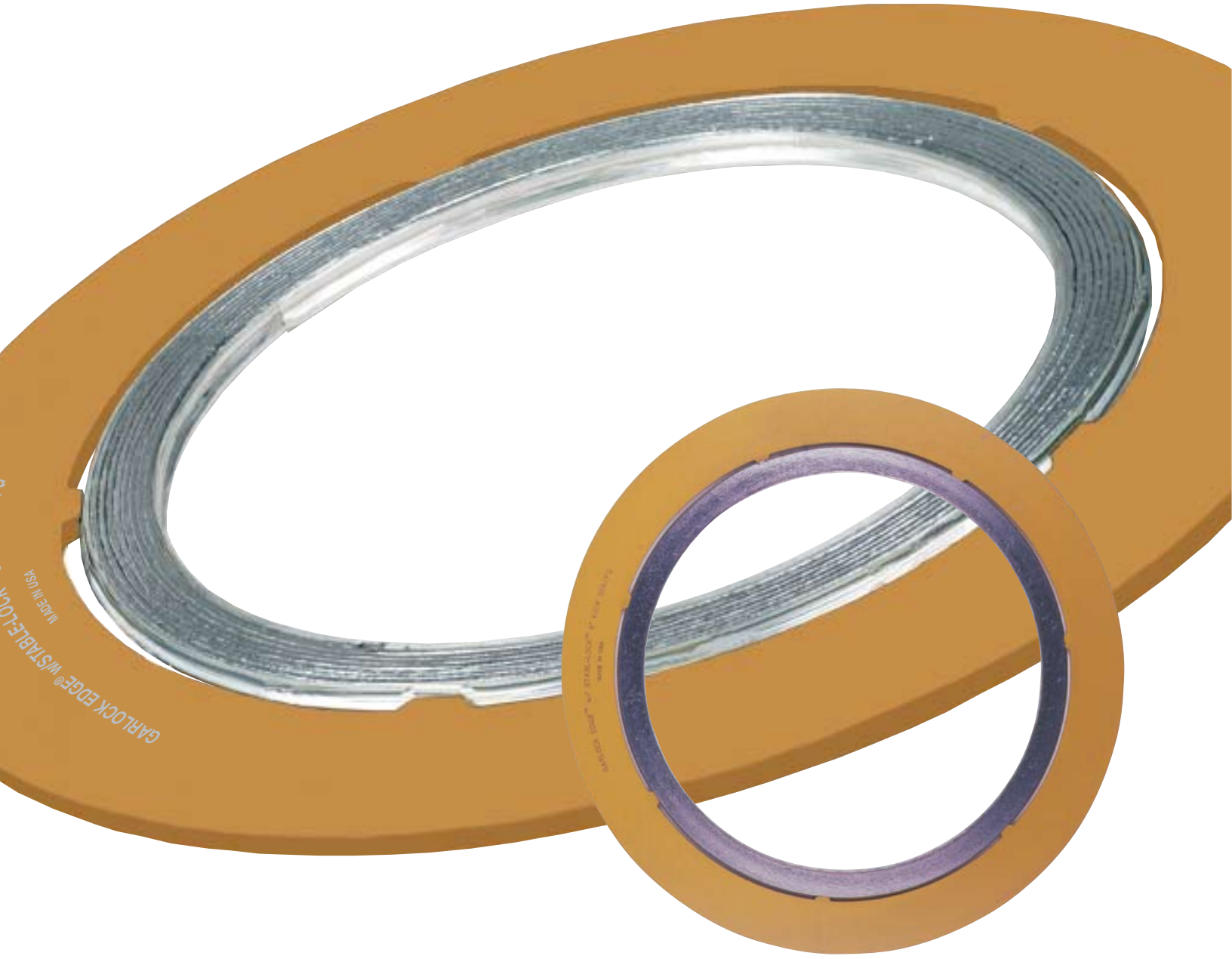
Advancing the Science of Sealing™

THE EDGE® METALLIC GASKET

Anti-Buckling Spiral Wound Technology



Garlock

SEALING TECHNOLOGIES®

an EnPro Industries company

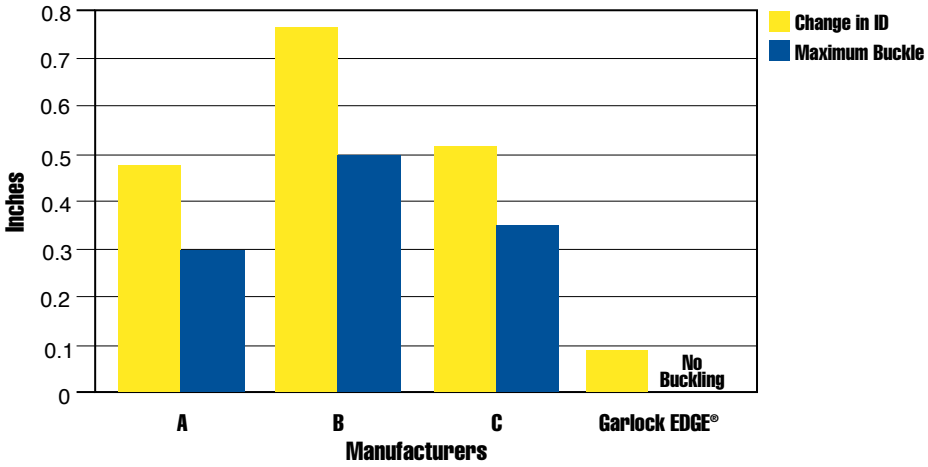
The EDGE®* eliminates Radial Buckling

Radial buckling occurs when the ID of a spiral wound gasket protrudes into the process stream. The winding material can be carried downstream clogging pumps, valves, and other equipment. This can also create a loss of torque on a bolted flange assembly, causing leakage or unscheduled maintenance.

Radial buckling is a result of many variables, such as compressive stress, flange seating surface, and gasket construction. It has been known to occur with both flexible graphite and PTFE fillers for almost all pressure class gaskets.

Despite industry research, only minimal improvements have been accomplished. The ASME recently mandated the use of expensive inner rings to prevent radial buckling. This has been your only option...until the Garlock EDGE®.

Zero Buckling



All gaskets were 8" NPS, 600 pound 304/FG windings with outer rings. The gaskets were subjected to 26,286 psi gasket stress.

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tions shown throughout this brochure
ecific application should not be undertaken
nt study and evaluation for suitability. For
recommendations consult Garlock. Failure
r sealing products could result in property damage
sonal injury. Performance data published in this
developed from field testing, customer field
ouse testing. While the utmost care has been used in
hure, we assume no responsibility for errors.
ject to change without notice. This edition cancels
. Subject to change without notice.

Garlock Controlled Density™ winding

- Lower compressive force required to obtain a seal when compared to standard spiral wound gaskets

STABL-LOCK™ inner wrap construction

- Prevents sealing element from flowing towards the process stream

Modified guide ring

- Insures guide ring contact with all raised face seating surfaces

Relief ports in the outer guide ring

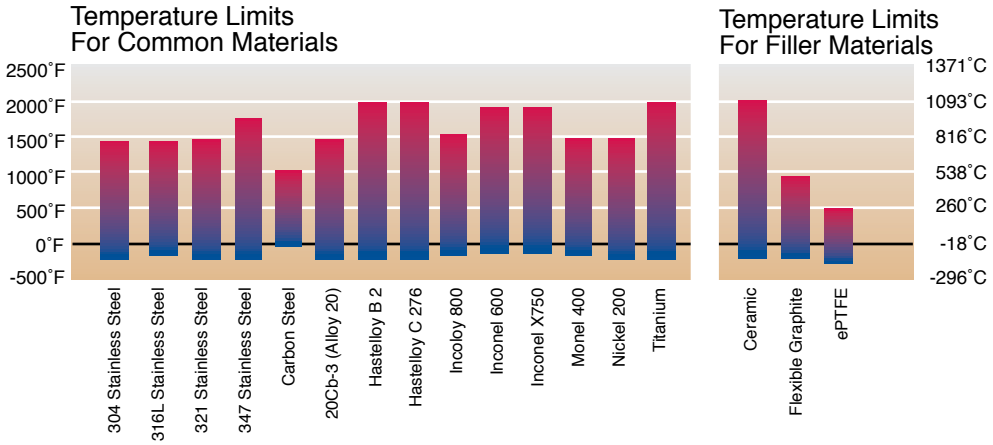
- Controls sealing element flow

Available in Dual Flange design

- Reduces inventory

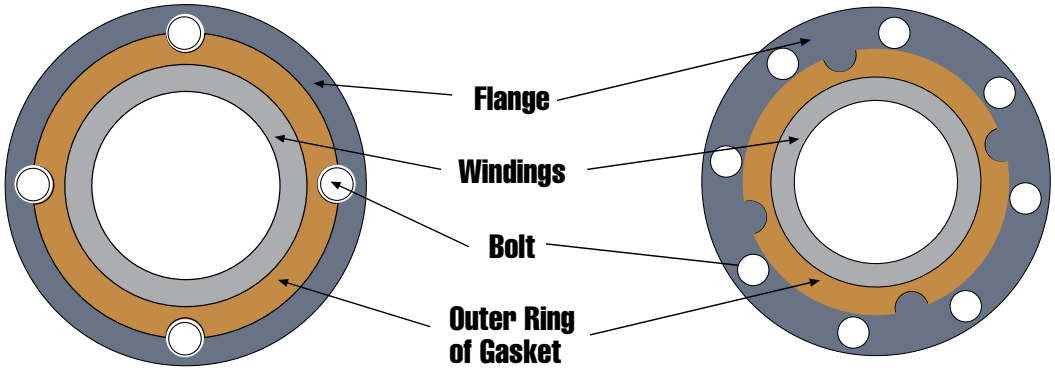
*Patent No. 5964468

Full Range of Materials



Garlock EDGE®
Dual Flange Design

- The dual flange option is designed to accommodate both 150 and 300 lb. pressure class flanges.
- Reduce your spiral wound gasket inventory!
- Specify the Garlock **EDGE®** DF on your next order.



150 # **300 #**

AUTHORIZED REPRESENTATIVE

Garlock
SEALING TECHNOLOGIES®

an EnPro Industries company

Garlock Sealing Technologies
1666 Division Street
Palmyra, New York 14522 USA
1-315-597-4811
1-800-448-6688
Fax: 1-800-543-0598
1-315-597-3039

www.garlock.com

Other Garlock facilities are located in:

Columbia, SC, USA
Phone 1.803.783.1880
Fax 1.803.783.4279

Houston, TX, USA
Phone 1.281.459.7200
Fax 1.281.458.0502

Sydney, Australia
Phone 61.2.9793.2511
Fax 61.2.9793.2544

São Paulo, Brazil
Phone 55.11.4352.6161
Fax 55.11.4352.8181

Sherbrooke, Canada
Phone 1.819.563.8080
Fax 1.819-563.5620

W. Yorkshire, England
Phone 44.1422.313600
Fax 44.1422.313601

Saint-Étienne, France
Phone 33.4.7743.5100
Fax 33.4.7743.5151

Neuss, Germany
Phone 49.2131.3490
Fax 49.2131.349.222

Mexico City, Mexico
Phone 52.555.567.7011
Fax 52.555.368.0418

Singapore
Phone 65.6285.9322
Fax 65.6284.5843

Shanghai, China
Phone 86.021.62789702
Fax 86.021.62787826

Dubai, UAE
Phone 971.4.8833652
Fax 971.4.8833682

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