

Advancing the Science of Sealing™

ABS Type Approved Products for the Marine Industry



Garlock

SEALING TECHNOLOGIES®

an EnPro Industries company

ABS Type Approved Products

The Garlock family of companies are acknowledged as global leaders in high-performance fluid sealing products for the world's processing industries. We work to ensure our products are certified to the highest standards the American Bureau of Shipping requires for rigorous marine requirements.

Product Offering

GARFLEX® Style 8100 Expansion Joint

GARFLEX® expansion joints feature rugged yet flexible nylon cord reinforcement in a molded, spherical bellows design that ensures an exceptional burst pressure rating. The streamlined flowing arch design reduces turbulence and allows smooth, quiet flow—no need to fill the arch and restrict its movement.



- Flowing arch design prevents sediment buildup and reduces turbulence
- Floating flanges can be rotated to accommodate torsional misalignment
- Molded spherical bellows accommodate up to one inch of axial movement and transverse deflection
- Nylon-reinforced nitrile tube earns high pressure rating without sacrificing flexibility; resists most hydrocarbons, oils and gasoline
- Can be installed against raised face pipe flanges

EZ-FLO® Style 206 Expansion Joint

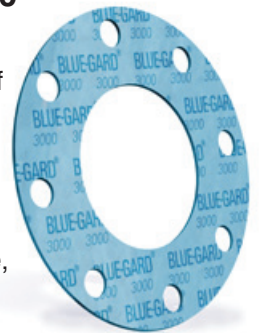
EZ-FLO® expansion joints contain a single wide flowing arch, eliminating the need for filled arches on slurry services. Garlock EZ-FLO® expansion joints have successfully served all major industries, including pulp and paper, steel, waste and water, HVAC, power generation, chemical, petrochemical and marine.



- Self-flushing design eliminates media buildup and reduces fluid turbulence
- High pressure and vacuum resistance ensures longer life and reduces inventory requirements
- Lightweight design installs easily

BLUE-GARD® Style 3000, 3200 Gasket

- Excellent sealability - unique blend of aramid fibers, fillers, and elastomeric binders provides improved torque retention
- Cuts costs - cuts operational costs through reduced waste, maintenance, stocked inventory, fluid loss and energy consumption



BLUE-GARD®
Style 3000

Style 9900 Gasket

- Tough and reliable - Graphite fiber gasketing withstands extreme temperatures and pressures, as well as many chemicals
- Passed Garlock Fire tests, and is ABS Fire Safe Type Approved
- Meets Navy Spec STR 508²
- Tighter seal - Maintains superior seal during thermal cycling, even in saturated steam and hot oils
- Significantly reduces emissions to meet stringent Clean Air Act requirements
- Graphite fiber sheet is easier to handle and cut than exfoliated graphite sheets or metal-inserted gasket material

Style 706 Gasket

- Heat and Oxidation resistance - Inorganic fibers offer superior performance in saturated and super heated steam
- Thermally stable fibers retain effective seal even during thermal cycling to 750°F (400°C)
- Long-lasting seal - Unique manufacturing process minimizes cold flow and creep relaxation problems
- Versatile - Ideal for standard ANSI flanged connectors, as well as turbine crossover piping connectors



Patent #5,603,513

Style 5500 Gasket

- Tighter seal - Inorganic fiber gasketing offers excellent thermal stability with minimal weight loss
- Reduced creep relaxation and improved torque retention provide optimal sealability
- Temperature resistant - Non-oxidizing fibers withstand a continuous operating temperature of up to 550°F (290°C), and maximum spike of 800°F (425°C)
- Style 5500 has passed the Garlock Fire Test and is ABS Fire Safe Type Approved



GYLON® Style 3500, 3504, 3510 Gasket

- Tighter seal - improved performance over conventional PTFE
- Reduced creep relaxation - unique manufacturing process minimizes cold flow problems typical of skived and expanded PTFE sheets
- Excellent bolt torque retention
- Chemical resistance - withstands a wide range of chemicals for extended service life in a wide variety of applications



GYLON®
Style 3500

MULTI-SWELL™ Style 3760 Gasket

- Ultra-tight seal in water and oil applications
- Proprietary formulation creates additional gasket load when the gasket comes in contact in oil or water
- Twice as compressible as standard fiber gaskets - conforms to irregular surfaces
- Versatile - Stops leakage in compressors, pumps, lube oil systems and access covers



GYLON® Style 3545 Gasket

- Tighter seal - highly compressible PTFE outer layers seal under low bolt load, suitable for many flat face and glass-lined flanges
- Compressible layers conform to surface irregularities, especially on warped, pitted or scratched flanges
- Rigid PTFE core reduces cold flow and creep normally associated with conventional PTFE gaskets
- Pure PTFE withstands a wide range of chemicals
- Easy to cut and install
- Rigid PTFE core facilitates installation, especially on large diameter flanges and hard-to-reach areas



Style 3128, 3125SS, 3125TC Gasket

- Easy and safe to handle without breakage
- Anti-scratch and anti-stick properties built in surface of gasket
- Seals much tighter than standard graphit gaskets
- Dove-tails seal tightly
- Easy to install - can be cut with a utility knife
- Remains flat during installation



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

2008 RECIPIENT OF
ENVIRONMENTAL
PROTECTION AGENCY'S

**CLEAN
AIR**
Excellence
Awards

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.

Garlock Sealing Technologies, LLC is a registered trademark for packings, seals, gaskets, and other products of Garlock.

© Garlock Sealing Technologies, LLC 2012. All rights reserved worldwide.

Other facilities within the Garlock family companies are located in:

Columbia, SC, USA	Phone 1.803.783.1880	Fax 1.803.783.4279
Houston, TX, USA	Phone 1.281.840.4800	Fax 1.315.597.3216
Houston, TX, USA	Phone 1.713.747.6948	Fax 1.713.747.6029
Denver, CO, USA	Phone 1.303.988.1242	Fax 1.303.988.1922
Sydney, Australia	Phone 61.2.9793.2511	Fax 61.2.9793.2544
Auckland, New Zealand	Phone 64.9573.5651	Fax 64.9573.5636
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 52.55.5078.4600	Fax 52.55.5368.0418
Singapore	Phone 65.6285.9322	Fax 65.6284.5843
Shanghai, China	Phone 86.021.64544412	Fax 86.021.34080906
Dubai, UAE	Phone 971.4.8833652	Fax 971.4.8833682
Pune, India	Phone 91.20.3061.6608	Fax: 91.20.3061.6699