



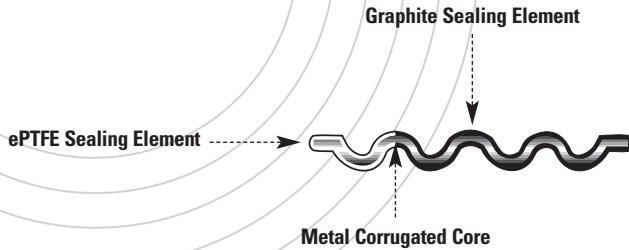
CRUSH-RESISTANT NON-CONTAMINATING FIRE-RESISTANT

THE GET™ GASKET.

ALWAYS THE RIGHT GASKET.

Garlock
SEALING TECHNOLOGIES®

THE GET™ GASKET FROM GARLOCK SEALING TECHNOLOGIES

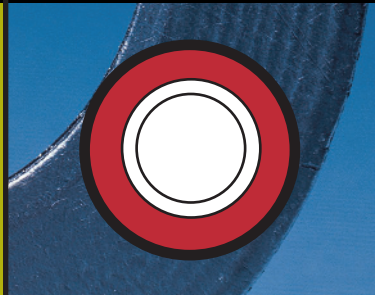


GET™ (Graphite Expanded Polytetrafluoroethylene) gaskets are **field rugged and extremely versatile**. They provide **reliable fail-safe operation under relatively low bolt load** (e.g., 150# pipe flanges) thereby avoiding potential damage to human health, plant equipment and the surrounding environment. This new design takes **TWO PROVEN SEALING MATERIALS TO FORM ONE BETTER, UNIVERSAL GASKET**. The tandem configuration is ideal for applications where fire safety and product purity is mandated below 600°F (315°C). GET™ is also preferred over spiral wound and metal encapsulated graphite gaskets in bolted flanges with low compressive stress. This **universal design also reduces the risk and consequences of installing the wrong gasket**. By consolidating and converting graphite only and other gasket types to GET™, you diminish catastrophic consequences.

GET™ IS THE ONLY CORRUGATED METAL ENCAPSULATED GASKET THAT SEALS TIGHTLY UNDER LOW BOLT LOAD, IS NON-CONTAMINATING, CHEMICALLY INERT, AND FIRE SAFE .

Patent #6,092,811

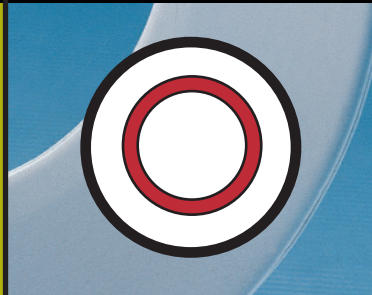
GRAPHITE



Graphite Sealing Element

Fire resistant
Passed Modified Independent API 607,
Fourth Edition Fire Test

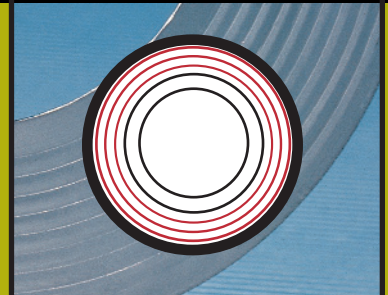
ePTFE



ePTFE Sealing Element

Non-contaminating [product purity]
Chemically inert
Seals tightly under low bolt load

METAL



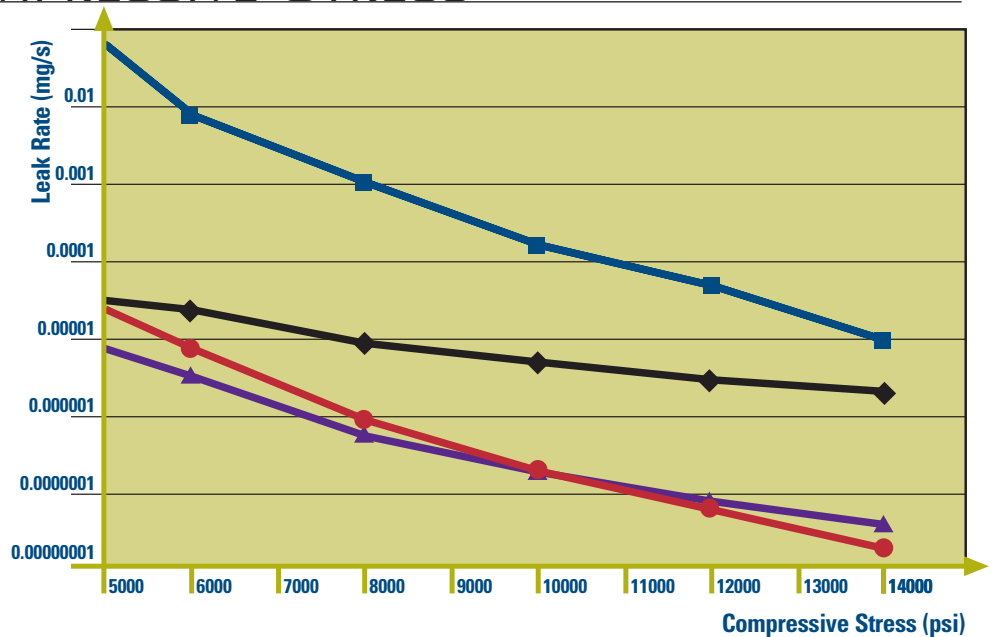
Metal Corrugated Core

Apexes form individual fluid-tight,
sealed chambers
Energizes under load to maintain a seal
during thermal excursions, cycling or shock
Crush-resistant (over-torquing)
Metal core available in most commercial
alloy materials

LEAK RATE VS. COMPRESSIVE STRESS

GET™ was independently tested for tightness parameters to determine compressive stress vs. leakage. The results demonstrate how GET™ seals tighter than corrugated metal encapsulated with graphite only and spiral wound gaskets.

GET™ also out-performed graphite-only, encapsulated metal gaskets in an API 607, Fourth Edition Modified Fire Test. At elevated temperatures the ePTFE expands into the valleys of the corrugated core and flange face to form a tighter seal.



THE
GET™
GASKET... ALWAYS THE RIGHT GASKET.

SPECIFY THE GET™ GASKET

GET™—Always the Right Gasket for processes sensitive to product purity, instrument contamination or fire safety including:

Lube Oil Services
Hydrofluoric Acid Services
Oxygen Services
Potable Water Services
Cryogenic Services

GET™—Always the Right Gasket to resist:

Chemicals
Solvents
Moisture
Oxidation

GET™—Always the Right Gasket to maintain or transport aggressive chemicals including:

Concentrated Nitric Acid
Highly Concentrated Sulfuric Acid
Chromium VI
Chloric Acid
Molten Alkaline
Alkaline Earth Metals

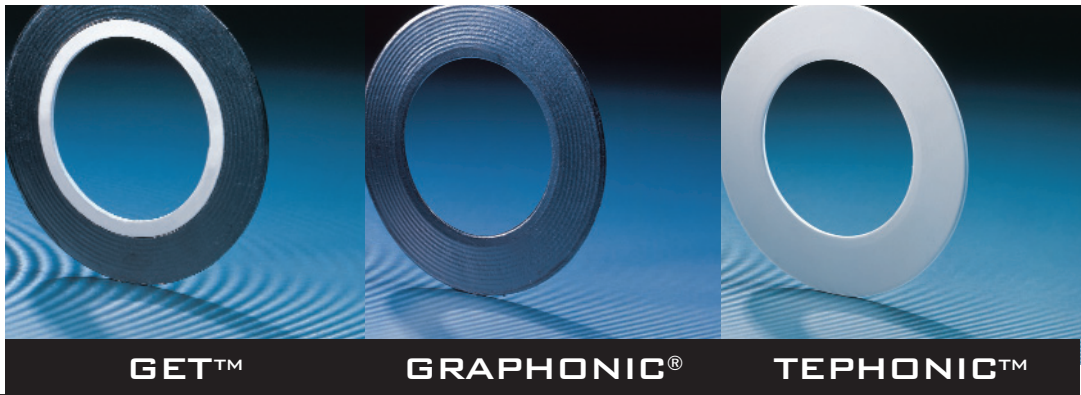
GET™—Always the Right Gasket to increase safety & reliability:

Forms a tight seal under low bolt load
Versatility minimizes the risk of installing the wrong gasket
Seals Fugitive Emissions
No sharp metal edges to injure workers
Independently tested for performance

GET™—Comes in many sizes and shapes:

Ring & Full-Face for ASME/ANSI B16.5 pipe flanges. Pressure Class: 150# & 300#
Heat Exchanger Configurations
Oval Flanges
Square Flanges
Rectangular Flanges
Triangular Flanges
Elliptical Flanges
Oblong Flanges

THE GRAPHONIC® SERIES OF GASKETS



OPERATING PARAMETERS

	GET™	GRAPHONIC®	TEPHONIC™
Temperature			
Minimum:	-350°F (-210°C)	-400°F (-240°C)	-350°F (-210°C)
Maximum in steam:	600°F (315°C)	1200°F (650°C)	600°F (315°C)
Pressure, max.:	← 2000 psig (140 bar) →		
P x T, max.			
1/8" thickness:	300,000 (10,250) [†]	400,000 (13,500) [†]	250,000 (8,500) [†]
<p>Maximum temperatures of 975°F (525°C) can be allowed for flexible graphite with oxidation inhibitors.</p> <p>[†]P x T max = psig x °F (bar x °C)</p>			

AUTHORIZED DISTRIBUTOR



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

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