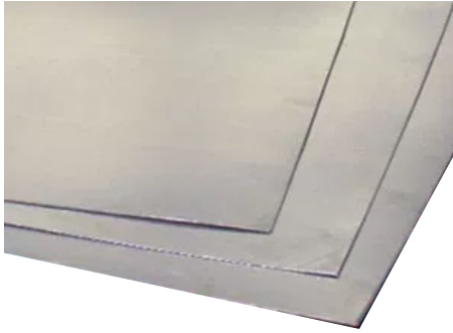




SPIRALTEC
GASKET CO.



GHR: Graphite Laminate with 316 SS foil insert

GHR is a graphite sheet laminate with reinforcement of .002" thick stainless steel type SS316 foil insert, adhesive bond. Made with high purity Flexible Graphite Industrial Grade (99% carbon).

Main Characteristics and Properties

- Excellent Sealability that meets stringent emission regulations
- High Temperature Resistant, Chemical Resistant
- Blow-out Resistant
- Non-aging, no creep relaxation
- Meets most industrial fluid sealing service requirements (Recommended for 150 and 300 class service)

Chemical Compositions of Flexible Graphite:	Typical Properties:
• Carbon: 99% Min.	• Compressibility (ASTM F-36) 40%
• Ash: 0.8% Max	• Recovery (ASTM F36) 16%
• Leachable Chloride: 30ppm Max	• Creep Relaxation (ASTM F-38) < 5%

Working Temperature Range:

- Oxidizing Environment, such as air: -400° F to 950° F (-240°C to 510°C)
- Mild Oxidizing Environment of most gasket applications: -400° F to 1500° F (-240°C to 850° C)
- Non-oxidizing Environment: Up to 1800° F, the limit of Stainless Steel Insert (Limit of Graphite is 5400° F)

Product Applications

GHR is an ideal sheet gasket material for most industrial fluid sealing applications. It is resistant to corrosive chemicals, high temperature, and high pressure. Can be used in refineries, chemical and petrochemical plants, paper mills, mines and other industrial fields.

Product Sizes and Options

Standard Sizes:
Thickness: 1/32", 1/16", 1/8"
Sheet Size: 39.4" x 39.4" (Meter Size) and 60" x 60"

Cross-reference: Graftech GHR; SGL Polycarbon BSSC; Garlock 3125SS