



SPIRALTEC
GASKET CO.



GHS: Graphite Laminate with 316 SS wire insert

Graphite Sheet Laminate with reinforcement 316 stainless steel wire mesh insert, adhesive bond. Made with high purity Industrial Grade Flexible Graphite.

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

Chemical Compositions of Flexible Graphite:

- Carbon: 99% Min.; Ash: 0.8% Max; Leachable Chloride: 30ppm Max
- Creep Relaxation (ASTM F-38) Less than 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

GHS 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 Thickness: 1/32", 1/16", 1/8"

Sheet Size: 39.4" x 39.4" (Meter Size), 60" x 60"

Cross-references: Graftech GHS; SGL Polycarbon BSC; Garlock 3126