



Flexible Graphite

High strength material with optimum handling. KLINGER Flexible graphite materials do not flow under pressure and temperature loading, and are a reliable source for sealing of gases and liquids. They have an outstanding resistance against temperature variations and high thermal conductivity.

KLINGER Flexible graphite materials exhibit a high resistance to most agents including inorganic and organic acids and bases, solvents, hot wax, and oils. Exceptions are strong oxidizing compounds such as concentrated nitric acids, highly concentrated sulfuric acid, chromium (VI), and permanganate solutions, chloric acids, and molten alkaline and alkaline earth metals.

The graphite sheets are available with an anti-stick coating that avoids sticking, aides in easy gasket removal, and keeps the flanges cleaner. The anti-stick properties are independent of temperature and stress, and the cost of the coating is insignificant when compared to the cost of cleaning the flanges.

Flexible Graphite_HL

- Standard Industrial Grade Graphite
- Superior Chemical Resistance
- Highly Compressible & Compactible
- Low Gas Permeability
- Low Electrical Resistance
- Unlimited Shelf Life
- [Specifications and technical data](#)

Flexible Graphite_SLS

- Graphite Adhesively Bonded to a .002" 316 Stainless Steel Foil
- Highly Compressible & Compactible
- Excellent Anti-Stick Properties
- Low Gas Permeability
- Low Electrical Resistance
- [Specifications and technical data](#)

Flexible Graphite_PSM

- Graphite Mechanically Clinched to a .004" 316 Stainless Steel Tang Core
- Highly Compressible & Compactible
- Excellent Anti-Stick Properties
- Low Gas Permeability
- Low Electrical Resistance
- [Specifications and technical data](#)