

## Flexible Graphite Sheet

Style	Composition	Description
FGS95	Homogeneous Flexible Graphite	Standard industrial grade sheet containing no binders or resins. Used in industrial applications such as oil refineries, power plants and chemical process plants.
FGL316	Laminated 0.002" Stainless 316 Foil Core/Flexible Graphite	Standard industrial grade sheet laminated with an adhesive bond on both sides of a .002" thick 316 stainless steel foil insert. Used where high performance and handleability is important.
FGT316	Laminated 0.004" Stainless 316 Tang Core/Flexible Graphite	Standard industrial grade sheet mechanically bonded on both sides of a .004" thick 316 stainless steel metal tang core. Used where stresses and pressures are high and improved handleability is important.

### Typical Properties:

Carbon, min.	95%
Moisture, max.	1
Sulfur, max.	1200 ppm
Leachable Chlorides, max.	100 ppm
Temperature Range:	1200°F (650°C) Saturated Steam
Oxidizing:	-450 to 850°F (-260 to 454°C)
Non-oxidizing	-450 to 5,432°F (-260 to 3,000°C)
Pressure Max:	3,000 psig (207 bar)
Fluid Resistance - pH Range:	0 to 14 at room temperature (except strong oxidizers)