

GRAPHITE GASKET MATERIALS

Graphite Gasket Products are flat gasketing materials composed of pure, exfoliated flake material. These materials excel in extreme conditions, withstand high temperatures, high pressures, and aggressive chemicals, and are proven fire-safe. Graphite provides a reliable seal as it seals easily under moderate bolt load, offers superior torque retention, retains dimensional stability in high temperatures and seals tightly even during pressure fluctuations. Flexible graphite is manufactured in such a manner that no organic or inorganic binders and fillers are introduced—the end product is essentially graphite with outstanding physical properties. The insertion of wire mesh, stainless steel foil, and tanged metal inserts increase strength and ease of handling

BENEFITS

EXCELLENT RESISTANCE

- Pure exfoliated graphite flake material excels in extreme conditions, withstanding heat, pressure, and aggressive chemicals
- Proven fire-safe

RELIABLE SEAL

- Seals easily under moderate bolt load, offers superior torque retention
- Retains dimensional stability in high temperatures; seals tightly even during pressure fluctuations

HOMOGENEOUS GRAPHITE SHEET

MIN TEMPERATURE	-400°F	MAX PRESSURE	1200 PSI
MAX TEMPERATURE	850°F	MAX P x T	1/16" - 700,000 (°F x PSIG) 1/8" - 350,000 (°F x PSIG)

INDUSTRY CROSSOVER: 3123, 3125, HL

316SS WIRE MESH INSERTED GRAPHITE SHEET

MIN TEMPERATURE	-400°F	MAX PRESSURE	2000 PSI
MAX TEMPERATURE	850°F	MAX P x T	1/16" - 700,000 (°F x PSIG) 1/8" - 350,000 (°F x PSIG)

INDUSTRY CROSSOVER: 3124, 3126



COMPRESSED
GASKET SHEET

* RAGCO supports the autonomy of its locations to select the best products to service their markets. Subtle variations of these specification may exist. Contact your RAGCO affiliate for confirmation.

316SS FOIL INSERTED GRAPHITE SHEET

MIN TEMPERATURE	-400°F	MAX PRESSURE	2000 PSI
MAX TEMPERATURE	850°F	MAX P x T	1/16" - 700,000 (°F x PSIG) 1/8" - 350,000 (°F x PSIG)

INDUSTRY CROSSOVER: 3125SS, SLS

316SS TANG INSERTED GRAPHITE SHEET

MIN TEMPERATURE	-400°F	MAX PRESSURE	2000 PSI
MAX TEMPERATURE	850°F	MAX P x T	1/16" - 700,000 (°F x PSIG) 1/8" - 350,000 (°F x PSIG)

INDUSTRY CROSSOVER: 3125TC, PSM