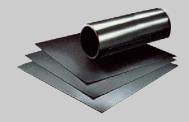


FLEXIBLE GRAPHITE SHEET STYLE FG-SH FLEXIBLE GRAPHITE SHEET HOMOGENEOUS



Flexible Graphite Sheet is made from exfoliated graphite flake, which is compressed into foil by a carefully controlled calendaring process. In this process, the expanded flake particles are mechanically locked together without the use of fibers, binders or other additives.

STYLE FG-SH Standard industrial grade sheet containing no binders or resins.







ADVANTAGES

- Pressure-temperature seal ability capabilities that are far superior to all asbestos reinforced and non-asbestos reinforced sheet products
- Low to moderate bolt loads and because of very low creep relaxation
- Re-torqueing is rarely required
- Conforms to irregular flange sealing surfaces and readily flows into flange irregularities enabling it to seal both smooth and coarse surface finishes
- Resistant to chemical attack by virtually all organic and inorganic fluids
- Exception of concentrated, highly oxidizing acids.







OIL / GAS

GAS TURBINE / DIESEL EXHAUST

POWER

SERVICE LIMITS			
Туре	Description		Value
Temp. Limits:	Minimum		-328°F (-200°C)
	Maximum		
	In air		840°F (450°C)
	In steam		1200°F (650°C)
	In reducing or inert media		5400°F (3000°C)
Pressure Limits:			2500 psi (175 bar)
Typical Properties:	Compressibility		35% (Tested under 5000 psi)
	Recovery		18% (Tested under 5000 psi)
	Creep Relaxation		12%
	Tensile Strength		5000 psi
	Compressive Strength		35,000 psi
	Density		62.4 lbs/ft ³
	Carbon Content		98% minimum
	Total sulfur		1200 ppm maximum
	Leachable Chlorides		50 ppm maximum
PART NUMBER / SHEET SIZE			
SDS-03244-FGSH / 1/32" X 39.4" X 39.4"		SDS-03255-FGSH / 1/32" X 60" X 60"	
SDS-06244-FGSH / 1/16" X 39.4" X 39.4"		SDS-06255-FGSH / 1/16" X 60" X 60"	
SDS-12544-FGSH / 1/8" X 39.4" X 39.4"		SDS-12555-FGSH / 1/8" X 60" X 60"	
SDS-25044-FGSH / 1/4" X 39.4" X 39.4"		SDS-2	5055-FGSH / 1/4" X 60" X 60"

NAVY DRILL, COMMERCIAL DRILL AND CUSTOM PRE-CUT GASKETS ARE AVAILABLE