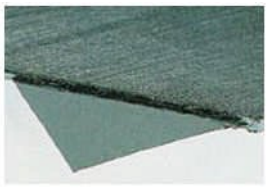

2661 Stainless Steel Flexible Graphite Sheet Foil Inserted

CONSTRUCTION

Style 2661 is a flexible graphite sheet reinforced with a 316ss foil, .002" thick. The 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. Sheets of foil are then adhesive bonded and laminated to the required thickness with the 316ss foil core in the center.

APPLICATION / SERVICE

Style 2661 flexible graphite sheet has pressure-temperature sealability capabilities that are far superior to all asbestos reinforced and non-asbestos reinforced sheet products. It is resistant to chemical attack by virtually all organic and inorganic fluids with the exception of concentrated, highly oxidizing acids.

Gaskets cut from Style 2661 flexible graphite sheet seal with low to moderate bolt loads and because of very low creep relaxation, re-torquing is rarely required. Flexible graphite conforms to irregular flange sealing surfaces and readily flows into flange irregularities enabling it to seal both smooth and coarse surface finishes.

SERVICE LIMITS		
Type	**Description**	**Value**
Temperature 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:		2000 psi (140 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/ft³
	Carbon Content	98% minimum
	Total sulfur	1200 ppm maximum
	Leachable Chlorides	50 ppm maximum
Available Sheet Sizes:	Thickness	1/32", 1/16", 1/8"
	Sheet Sizes	39.4" x 39.4"

1465 E. Sam Houston Pkwy South Suite 140 Pasadena TX 77503
TOLL FREE: 800-999-0198 PHONE: 281-476-3900 FAX: 281-476-3999
sales@teadit.com