

Garlock GRAPH-LOCK® 3125SS Graphite Sheet Gasketing, Steel Foil Insert

Category : Carbon , Graphite

Material Notes:

A laminated graphite sheet with a 316SS foil insert. Pure exfoliated graphite flake material excels in extreme conditions, withstanding heat, pressure, and aggressive chemicals. Proven fire-safe. Seals easily under moderate bolt load, offers superior torque retention. Retains dimensional stability in high temperatures; seals tightly even during pressure fluctuations. Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-GRAPH-LOCK-3125SS-Graphite-Sheet-Gasketing-Steel-Foil-Insert.php

Physical Properties	Metric	English	Comments
Permeability	0.40	0.40	Gas Permeability, cc/min; DIN 3535 Part 4

Mechanical Properties	Metric	English	Comments
Tensile Strength	31.0 MPa	4500 psi	ASTM F152

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	649 Â°C	1200 Â°F	Steam
	454 Â°C	850 Â°F	
	@Pressure 13.8 MPa	@Pressure 2000 psi	
Minimum Service Temperature, Air	-240 Â°C	-400 Â°F	

Component Elements Properties	Metric	English	Comments
Carbon, C	98 %	98 %	Industrial Grade
	99.5 %	99.5 %	Nuclear Grade

Descriptive Properties	Value	Comments
Compressibility, %	35	ASTM F36
Creep Relaxation, %	12	ASTM F38
Sealability ASTM F37B, ml/hr	0.2	Nitrogen
	0.25	ASTM Fuel A

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