

Garlock GRAPH-LOCK® 3123/3125 Graphite Sheet Gasketing

Category : Carbon , Graphite

Material Notes:

A pure graphite sheet. Thicknesses

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-GRAPH-LOCK-31233125-Graphite-Sheet-Gasketing.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	4.14 MPa	600 psi	ASTM F152

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

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

Descriptive Properties	Value	Comments
Compressibility, %	40	ASTM F36
Creep Relaxation, %	10	3125, ASTM F38
	5	3123, ASTM F38
Sealability ASTM F37B, ml/hr	0.2	3123, ASTM Fuel A
	0.3	3125, ASTM Fuel A
	0.5	Nitrogen

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