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Style PEGS

Pure Expanded Graphite Sheet

Material: Pure expanded graphite	Temperature: min. -400° F (-240° C) to max. 850° F (454° C) in atmosphere
Fluid Services: Gases, water, steam, hydrocarbons, Oils and greases, alcohol and Keytones, and many others	+1200° F (+650° C) in steam Pressure: 2000 PSI (70 bar) P x T (max) ¹ : 700,000 (25,000) 1/16" and 1/32" 350,000 (12,000) 1/8"

<u>TEST METHOD</u>	<u>PHYSICAL PROPERTIES</u>	<u>TYPICAL</u>
<u>RESULTS</u>		
ASTM F-37B	Sealability Ml/hr. Leakage ASTM Fuel A (Isooctane): Gasket Load, 500 psi (3.5 N/mm ²) Internal Pressure, 9.8 psig (.7 bar) Nitrogen: Gasket Load, 3000 psi (20.7 N/mm ²) Internal Pressure, 30 psig (2 bar)	0.2 0.5
ASTM F-36	Recovery (%)	≥17
ASTM F-36	Compressibility (%)	≥40
ASTM F-38	Creep Relaxation (%)	≥5
ASTM F-152	Tensile Strength (psi) Across Grain (N/mm ²)	600 (4.5)
DIN 3535 Part 4	Gas Permeation cc/min.: cc/min Nitrogen: Internal pressure: 580 psig (40 bar) Gasket Load: 4640 psi (32 N/mm ²)	0.4

NOTE: This is a general guide and should not be the sole means of selecting or rejecting this material.
¹P x T maximum = psig x °F (bar x °C)