



# THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

## CERMEX® PR1000-C FIBERGLASS PAPER

CERMEX® PR1000-C Fiberglass Paper is a commercial grade paper with a continuous operating temperature of 1000°F • 538°C. Manufactured from non-respirable, high-purity E-glass fibers, CERMEX® PR1000-C Fiberglass Paper is excellent for use as die-cut gaskets in thermal barrier applications, and can be laminated with aluminum foil or PSA on one or both sides.



### AVERAGE PHYSICAL PROPERTIES

Paper	Non-respirable E-Glass fibers		
Construction	Felted paper, organic binder		
Temperature Rating			
Continuous use	1000°F • 538°C		
Short term use	1200°F • 648°C		
Melting Point (fiber only)	>2000°F • >1093°C		
Loss on Ignition, %	5 - 7		
	<b>1/4"</b>	<b>1/8"</b>	<b>1/16"</b>
Thickness, inches • mm	.250 • 6.36	.125 • 3.175	.0625 • 1.587
Density, lbs/ft <sup>3</sup> • g/cc (after compressed)	7.0 • 0.11	6.9 • 0.11	11 • 0.18
Tensile Strength, lbs/in • kg/25 mm			
Machine Direction	69.2 • 30.9	33 • 15	25 • 11
Cross Direction	81.7 • 36.5	34 • 15	22 • 10
Thermal Conductivity			
ASTM C-114 (tested in air)	@ °F • °C	BTU/in./hr./°F • W/m.K	
	392 • 200	0.42 • 0.060	
	570 • 298	0.56 • 0.081	
	750 • 398	0.73 • 0.105	
ASTM C-177 (tested in N <sub>2</sub> )	75 • 24	0.24 • 0.035	
	212 • 100	0.31 • 0.045	
Standard Width	51", other widths available as custom order, minimum applies		

Tolerance is +/- 10% unless otherwise stated.

The technical data presented herein are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.