



**Mid-Mountain Materials**

# THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

## CERMEX® PR1000-C COMMERCIAL GRADE THERMAL INSULATION PAPER

### PHYSICAL CHEMISTRY

Material	Non-respirable E-Glass fibers	
Construction	Felted paper, organic binder	

### AVERAGE PHYSICAL PROPERTIES

	1/8"	1/4"
Available thicknesses, inches • mm	.125 • 3.175	.250 • 6.36
Color	White	White
Width, inches, nominal	51" std. Other widths available on special request.	
Density, lb/cu ft • g/cc (after compressed)	6.9 • 0.11	7.0 • 0.11
Tensile Strength, lbs/in • kg/25 mm		
Machine direction	33 • 15	69.2 • 30.9
Cross section	34 • 15	81.7 • 36.5
Thermal conductivity	@ °F • °C	BTU/in/hr/°F • W/(m.K)
	75 • 24	0.22 • 0.032
	250 • 120	0.31 • 0.045
	500 • 260	0.48 • 0.069
	750 • 400	0.76 • 0.11
	1200 • 650	Not Tested
Temperature Limit, °F • °C		
Maximum use (intermittent)	1200 • 650	
Continuous use	1000 • 538	
Melting point (fiber only)	>2000 • >1100	
Loss on ignition, %	5 – 7	
Shot Content, %	None	

Also available laminated with aluminum foil or PSA on one side or both sides

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.