



# THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

## CERMEX® PR1000-M PREMIUM GRADE THERMAL INSULATION PAPER

### PHYSICAL CHEMISTRY

Material	E-Glass fibers		
Construction	Felted paper, organic binder		

### AVERAGE PHYSICAL PROPERTIES

	1/4"	1/8"	1/16"
Available thicknesses, inches • mm	.250 • 6.35	.125 • 3.18	.0625 • 1.59
Color	White	White	White
Width, inches, nominal	41" std. Other widths available on special request.		
Density, lb/cu ft • g/cc (after compressed)	8.6 • 0.14	8.6 • 0.14	8.6 • 0.14
Thermal conductivity	@ °F • °C		BTU/in/hr/°F • W/(m.K)
	75 • 24		tbd
	250 • 120		tbd
	500 • 260		tbd
	750 • 400		tbd
	1200 • 650		tbd
Temperature Limit, °F • °C			
Maximum use (intermittent)	1200 • 650		
Continuous use	1000 • 538		
Melting point	>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.