



Mid-Mountain Materials

THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

CERMEX® PR1000-P PREMIUM GRADE THERMAL INSULATION PAPER

PHYSICAL CHEMISTRY

Material Non-respirable E-Glass fibers

Construction Felted paper, organic binder

AVERAGE PHYSICAL PROPERTIES

	1/64"	1/32"	1/16"	1/8"
Available thicknesses, inches • mm	.015 • 0.38	.030 • 0.76	.060 • 1.52	.125 • 3.18
Color	White	White	White	White
Width, inches, nominal	51" std. Other widths available on special request.			
Density, lb/cu ft • g/cc (after compressed)	12 • 0.19	11.5 • 0.18	11.5 • 0.18	8.7 • 0.14
Tensile strength, lb/in • Kg/25mm				
Machine direction	12 • 6	21 • 9	44 • 20	45 • 20
Cross section	11 • 5	20 • 9	47 • 21	50 • 23
Thermal conductivity		@ °F • °C		BTU/in/hr°F • W/(m.K)
		75 • 24		.21 • .03
		250 • 120		.28 • .04
		500 • 260		.41 • .06
		750 • 400		.57 • .08
		1200 • 650		1.04 • .15
Temperature Limit, °F • °C				
Maximum use (intermittent)		1200 • 650		
Continuous use		1000 • 538		
Melting point		>2000 • >1100		

(fiber only)

Loss on ignition, % 5 – 7

Shot Content, % None

Also available laminated with aluminum foil 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.