



THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

CERMEX® MT1200 NEEDED MAT

CERMEX® MT1200 Needed Mat is a non-woven insulation mat designed for use in high temperature thermal applications. The fibers are mechanically bonded and contain no additional resins or adhesives. The structure of the material allows for conformability to irregular surfaces and is easily cut and fabricated to intricate configurations. Typical applications include thermal insulation, engine exhaust systems, heat shields for engine heat components, industrial furnaces and turbine insulation.



AVERAGE PHYSICAL PROPERTIES

Material	Mineral Fiber
Construction	Needled blanket/mat
Temperature Rating	1200°F • 648°C
Filament Diameter, micron	9
Thickness, inches • mm, nominal	.250, .500, .750, 1.00 • 6.35, 12.7, 19.05, 25 (+/- .125)
Width, inches • meters	40, 60 • 1.016, 1.524 (+1, - 1/2)
Thermal Conductivity, BTU-in/hr/sf	0.50 @ 500°F • 260°C
	1.07 @ 1000°F • 538°C
	1.42 @ 1200°F • 648°C

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.

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