



**AMITY INSULATION**  
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PROUDLY  
CANADIAN

# TEMP MAT

1 ½ Inch Temp Mat is ideally suited for valves, flanges, pumps, instrumentation, and freeze protection.



## CHARACTERISTICS

The 1 ½ inch Temp Mat is a high value thermal insulation material engineered as an effective alternative to asbestos mats, millboard, ceramic fiber, and similar products. It is composed of 100% E-glass fibers, formed into a uniform web, and mechanically needled without chemical binders. This design delivers dependable thermal performance, excellent flexibility, and durability in high temperature environments up to 1200 degrees Fahrenheit. The material meets ASTM C518 standards, is asbestos free, incombustible, and has a noise reduction coefficient of 0.85.

Standard manufacturing tolerance is plus or minus 10% unless otherwise stated.

## SPECIFICATIONS

PROPERTIES	METRIC	IMPERIAL
Standard Width	1500 mm	60 Inches
Thickness	38 mm	1 ½ Inches
Roll Length	9.1 M	30 Feet
Density	176 kg/m <sup>3</sup>	11 lbs/cu ft
Thermal Conductivity	0.25 W/m-K	0.1444 btu/hr-sf °F
Maximum Continuous Temperature	650 °C	1200 °F
Melting Point	750 °C	1382 °F

**40**  
YEARS



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