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LEWCO MAT INSULATION

Product Specifications

LEWCO Mat Insulation is composed of 100% select grade Type "E" glass fibers needled together into mat form. LEWCO Mat is processed in such a way to maximize thermal efficiency. It is non-respirable, incombustible, asbestos free and contains no resinous or inorganic binders. This material has been tested and conforms to Mil-DTL-24244D(SH), USCG Subpart 164.009, ASTM E84 industry standards and NRC 1.36. Other densities available upon request.

Typical Properties

Melting Point	1523 ° F
Maximum Temperature	1200 ° F
Continuous Temperature	1000 ° F
Thickness	1/8", 1/4", 1/2", 1" and 1 1/2"
Roll Width	30" and 60"
Roll Length	Various Lengths Available
Density	6 – 7# / Cu. Ft. and 9 – 11# Cu. Ft.

Thermal Conductivity "K" Factor

	LEWCO 6-7#	LEWCO 9-11#	Temp Mat 9-11#	Ceramic Fiber Blanket 6#	Ceramic Fiber Blanket 8#
Temperature	6-7#	9-11#	9-11#	6#	8#
300 ° F	.292	.35	.40	.388	.282
500 ° F	.350	.48	.50	.520	.428
700 ° F	.445	.64	.65	.680	.589

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