



6859 Renoir Avenue  
Baton Rouge, LA 70806

Tel: (225) 924-3221  
Fax: (225) 927-2918

## LEWCO MAT INSULATION

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### 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-I-16411, USCG Subpart 164.009, ASTM C1086, and ASTM E84 industry standards. Upon request this material can be made to meet DTL-24244D(SH), and NRC 1.36. Other densities available upon request.

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### Typical Properties

Melting Point	1523 ° F
Maximum Continuous Temperature	1200 ° F
Minimum Temperature	-80 ° F
Thickness	1/8”, 1/4”, 1/2”, and 1”
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	LEWCO	Temp Mat	Ceramic Fiber Blanket	
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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This information is given in good faith and is believed to be accurate. It is intended for use by persons skilled in the art of fabrication and applying removable/reusable insulation or like products. All liabilities are borne by the user of this fabric. LEWCO does not take any responsibility for misuse of this product. LEWCO recommends testing before use.

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