



AMSN Needed Fiberglass MAT

AMSN Needed mat is 100% fiberglass that is mechanically bonded to form a blanket insulation material that complies with Mil-I-16411 Type 2 and ASTM C-1086-96.

AMSN Needed mat offers uniform thickness and density, high temperature performance up to 1200 degrees F, and contains no binders.

AMSN Needed mat is non-combustible. Flame Spread = 0 Smoke Developed = 0

AMSN Needed mat has excellent thermal K at elevated temperatures, is non toxic, and has exceptional sound absorption properties.

AMSN Needed mat is used in the construction of removable insulation pads, stress relieving blankets, and many other applications where high temperature protection and flexibility are required.

PHYSICAL PROPERTIES

THICKNESS	DENSITY (oz/sf)	WIDTH (in)	LENGTH (ft)
1/4"	4	60	150
1/2"	6	60	75
3/4"	12	60	45
1	15	60	45

ACOUSTICAL PERFORMANCE

FREQUENCY (Hz)	SOUND ABSORPTION COEFFICIENTS (sabins/sf)		
	1/4"	1/2"	1"
250	.04 +/- .04	.07 +/- .02	.29 +/- .04
500	.17 +/- .02	.30 +/- .03	.86 +/- .03
1000	.40 +/- .04	.72 +/- .08	.95 +/- .04
2000	.68 +/- .03	.94 +/- .05	.92 +/- .03
4000	.94 +/- .05	.97 +/- .05	.95 +/- .03

SPECIFICATION COMPLIANCE

Mil-I-16411, USCG 164.009, USCG 164.109, ASTM C-1086, ASTM C 1094. When required and specified by the customer Mil-I-24244, NRC 1.36 and ASTM C-795

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