



TTT-ENM-25

1 DESCRIPTION

TTT-ENM-25 is manufactured to conform with the requirements of Military Specification MIL-1-16411 Type II, ASTM-C-1086-96 and Coast Guard Specification for Incombustible Materials #164.009 and MIL-1-24244. TTT-ENM-12 is a fiberglass mat composed of 100% "E" type glass fibers 9-13 microns in diameter which are put into web form and mechanically needled together without chemical binders.

2 APPLICATIONS

TTT-ENM-25 is intended for use as a thermal insulation and gasket material in home and industrial furnaces, package boiler and for special piping applications where heat resistance, stability and low special air and liquid chemical and thermal resistance are mandatory.

3 ADVANTAGES

The unique properties of TTT-ENM-12 make it an effective low cost replacement for asbestos mats, millboard, ceramic or refractory paper, mat and sheets and mineral boards.

4 PROPERTY DATA

Characteristics:	Method:	English Values:	Metric Values:
Weight		15 oz/sqft	4578 g/m ²
Thickness	ASTM-D-1777	1" +/- 10%	25.4 mm +/- 10%
Density		11 lbs/ft ³	176.2 kg/m ³
Temperature Resistance	N/A	Max: 1200°F	Max: 649°C
Flame Resistance	ASTM-E-84	Flame Spread: 0 Smoke Developed: 0	
Tensile Strength	N/A	Machine: 125 lbs Cross machine: 90 lbs	Machine: 56.699 kg Cross machine: 90.8233 kg
Acoustical Ratings	N/A	250 frequency: .15 +/- .04 500 frequency: .8 +/- .03 1000 frequency: 1.02 +/- .02 2000 frequency: 1.08 +/- .02 4000 frequency: .92 +/- .02	
Color:	N/A	White	

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