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Technical Data Sheets

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PPG TECMAT™ NEEDLED MAT INSULATION

TEMPERATURE RATING **1200° F**

THICKNESS	1/4"	1/2"	3/4"	1" LD	1" HD	1-1/2" HD (15 oz)
DENSITY	9 lbs./cu.ft.	9 lbs./cu.ft.	12.25 lbs./cu.ft.	6 lbs./cu.ft.	11.25 lbs./cu.ft.	7.5 lbs/cu.ft
STANDARD ROLL SIZE	60" x 150'	60" x 75'	60" x 45'	60" x 45'	60" x 45'	60" x 35'
STANDARD ROLL AREA	750 sq.ft.	375 sq.ft.	225 sq.ft.	225 sq.ft.	225 sq.ft.	175 sq.ft.

COMPOSITION 100% NONWOVEN E-TYPE FIBER GLASS

CHARACTERISTICS

- Free of asbestos and ceramic (refractory) fibers
- Odorless and will not contribute to corrosion of metal
- Resists mold, decay and vermin
- ASTM E-84-98: 10 flame spread / 5 smoke development
- Fire resistant
- Excellent sound absorption properties and resists vibration
- Good drape ability and conforms to irregular surfaces
- Conforms to: MIL-I-24244 Revision C; MIL-I-16411 Revision F (ASTM 1086-96); NRC GUIDE 1.36

APPLICATIONS

- Removable pads
- Muffler & exhaust insulation
- Thermal & acoustical insulation
- Industrial furnaces & ovens
- Aerospace
- Ship turbines
- Marine/ industrial/ process piping
- Power generation equipment
- Filtration
- Wallboard

TOLERANCES

Weight: Standard deviation +/- 10%
 Thickness: Standard deviation +/- 1/8"
 Width: Standard deviation +1"-1/2"
 Length: Standard deviation +1.0 ft. / -0.5 ft.
 Fusing Temperature: >1300F.

THE INFORMATION PRESENTED IS INTENDED AS A SPECIFICATION GUIDE ONLY. MATERIALS SHOULD BE TESTED FOR ITS SUITABILITY IN ANY APPLICATION. USERS SHOULD ALSO FAMILIARIZE THEMSELVES WITH THE MSDS BEFORE HANDLING. NO WARRANTIES ARE EXPRESSED OR IMPLIED AS APPLICATION CONDITIONS ARE BEYOND OUR CONTROL.