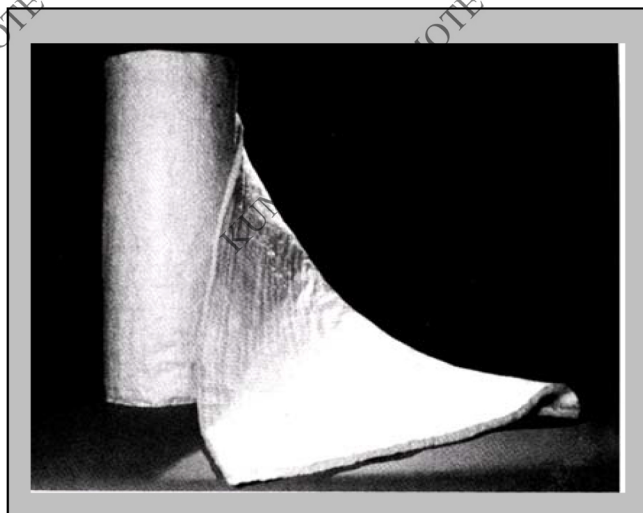


KM600 & KM1000 Needled BLANKET

(CERAMIC FREE INSULATION)

Introducing a revolutionary insulation blanket composed of long length continuous filament high temperature fiber. Fibers are non-respirable and safe to use without protective clothing. The needled blanket is pliable, resilient and easy to fabricate.



APPLICATIONS INCLUDE: Pipe Wrap, Mold Wrap, Stress Relieving Insulation, Gaskets, and Insulation Blankets...

INDUSTRIES: Petrochemical - Steel - Aluminum Power Generation-Foundries-Glass-Automobile

Technical Data

Properties	KM600		KM1000	
Material	E-grade fiberglass		Non-amorphous silica fiber	
Composition	SiO ₂	55%	SiO ₂	94-96%
	CaO	18%	CaO	--
	Al ₂ O ₃	16%	Al ₂ O ₃	3-4%
	MgO+B ₂ O ₃	7%	MgO+B ₂ O ₃	--
Continuous application temperature °C	600		1000	
Peak Temperature °C (soften or melting)	820		1650	
Thermal Conductivity (W/m.k.)	100 °C	0.042	115 °C	0.045
	293 °C	0.063	315 °C	0.088
	450 °C	0.080	450 °C	0.121
	565 °C	0.090	650 °C	0.200
Nominal Density (Kg/m ³)	165 +/- 20%		140 +/-20%	
Thickness (mm) available	3, 5, 6, 8, 10, 13, 25		6, 8, 10, 13, 25	
Standard Width (m)	1.2		1.0	

Your One Stop Solution for Insulation Since 1989!

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