



**INSULATION**



## INSULATION WRAP SPECIFICATIONS

Custom Designed Flexible, Removable Insulation Blankets	Temperature Rating: 593°C
<b>Properties</b>	
Temperature Range	-6 °C - 600 °C process temperatures
Thickness	100 mm
Insulation	120 kg/m <sup>3</sup> density insulation composed of 100% Type "E" fibers
Inner Jacket	0.5 kg vermiculite coated thermal cloth
Attachments	High-temp Velcro strips and belts with stainless steel double D-Rings
Tags	Tags Stainless Steel

<b>Physical Properties</b>	
Surface Temperature	Used on surfaces up to 600 °C
Fire Resistance	Incombustible
Density (approximate)	120 kg/m <sup>3</sup>
Loss in Weight @ 650 °C	Up to 2%
Moisture Absorption	Negligible
Softening Point	815 °C
Strain Point	600 °C
Annealing Point	650 °C

<b>Thermal Conductivity - K Value at 11 lbs./cubic ft. (per ASTM C 177)</b>	
Temperature	K btu-in/sq ft./hr/°F
300° F	0.40
500° F	0.50
700° F	0.65

Thermal wrap provides a tough, durable exterior that can be custom fitted for nearly any product or accessory. The wrap is composed of 100 mm, 120 kg/m<sup>3</sup> insulation composed of 100% Type "E" fibers, fabricated in a mat form free of asbestos. The wrap is easy to install, and significantly reduces surface temperature. The color is typically gray.



## **CUSTOM MADE INSULATION MATRASSES**

Insulation matrasses for use in the exhaust system.



## **ACOUSTICAL MINERAL FIBER**

Axces Mineral Fiber used in the exhaust silencers is available upon request.



