



Silica Non-Woven Blankets

ETSil 3100

- mechanically bound non-woven amorphous silica fibers. Blanket can withstand continuous operating temperatures of 2000F, and will not melt until 3100F. Recommended as cost-effective, non-respirable, shapeable, alternative thermal solution to respirable ceramic fibers. Our blankets are also available in pre-shrunk versions to eliminate residual shrinkage (less than 0.7% shrinkage at 2000 °F). The pre-shrunk blankets are also 3-4 times stronger than typical RCF blankets.

ETSil 3100 PRODUCT CHARACTERISTICS

- ✓ 100% Continuous filament fibers
- ✓ Continuous protection up to 2000F
- ✓ 100% Non-Respirable fibers
- ✓ Excellent Acoustical Properties
- ✓ Low thermal conductivity
- ✓ Not soluble in water or oil
- ✓ Low chlorides & fluorides (NRC 1.36)
- ✓ Excellent chemical resistance
- ✓ Zero shot content
- ✓ Vibration resistant
- ✓ Conforms to irregular surfaces
- ✓ Negligible moisture absorption
- ✓ Low dusting, especially at operating temperatures
- ✓ Thicknesses $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 inch
- ✓ Preshrunk versions available

PRIMARY APPLICATIONS

- Automotive exhaust systems
- Turbines/Turbine Silencers
- Filtration
- Industrial ovens and furnaces
- Other applications requiring low to zero smoke & odor
- Heat shields/Furnace Modules
- Power generation equipment
- Marine
- Removable Insulation/Weld Pads
- We can supply pre-cut shapes



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Silica insulates jet engines too!



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