

Technical data- Aufrax® ET-Mat

Endothermal Mat For Fire Protection

Aufrax-Mat Composite fireproof fiber mat is a flexible fiber product made from high-purity fiber cotton, specialized heat-absorbing materials, and selected adhesives. Our advanced fiber mat production technology and carefully chosen fire-resistant formulas ensure the product's unique heat-absorbing performance and high-temperature stability. It is specifically designed to withstand high temperatures and severe fire exposure conditions, effectively limiting fire penetration and heat transfer through the material.

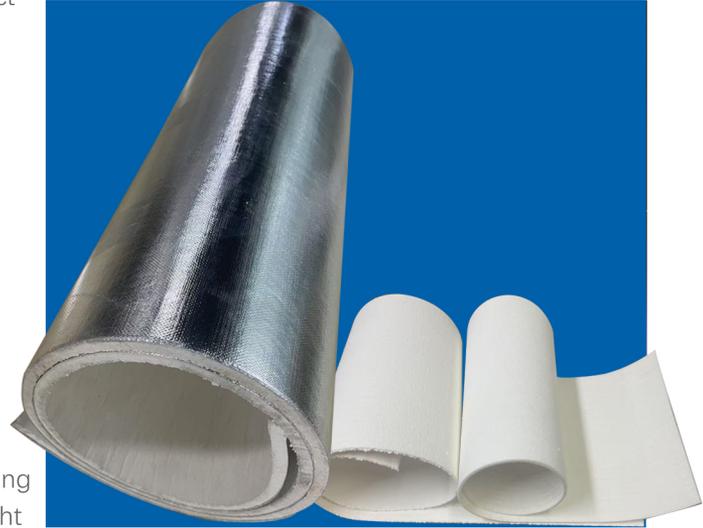
Aufrax-Mat composite fireproof fiber mat is available in two options: with single-sided aluminum foil or without foil, with thicknesses of 3mm or 10mm, and widths of 610mm or 1220mm. By releasing chemically bound water, Aufrax-Mat significantly enhances fire resistance and through specialized smoke-suppressing fillers, limits smoke toxicity and flame spread. Its thin and lightweight design, combined with a flexible product format, saves valuable space, reduces installation costs, and provides solutions for complex construction site conditions.

Features:

- High-temperature thermal stability
- Low thermal conductivity
- Heat absorption to cool the protected surface
- Easy to cut, wrap, and mold
- Excellent flexibility and good tensile strength

Data sheet

Product forms	With aluminum foil	Without aluminum foil
Classify temperature °C/Long time working temperature °C	1260/1150	
Density kg/m ³	200-600 or 800-850	
Heat loss (WT%)	28-35%	
Thickness	1-3m	3-10mm
Length	60m	6.1m
Width	610mm or 1220mm	



Applications:

- Fire protection for steel structures
- Fire protection for cable trays
- Fire-resistant wrapping for equipment
- Flexible wrapping for metal pipes and cables
- Fire door cores or expansion joint sealing

This product is a customized product with a minimum order quantity and a certain production lead time. Please contact the company's sales team. For actual usage recommendations and other product safety information, please refer to the Product Material Safety Data Sheet (MSDS).