

STONE WOOL WIRE MESH BLANKET



General Product Information:

Stone wool products are non-combustible with a melting point of approximately 1000°C. They are particularly suitable for thermal insulation. Fire protection and sound reduction/absorption.

Stone wool is inorganic and contains no nutritious substance. Therefore it will not be attacked by microorganisms. Mineral wool will not rot and does not attract vermin.

Common Application :

Stone wool Wire Mats Blanket is particularly suited to meet the specification requirements of thermal insulation, fire protection and sound attenuation of large process pipework, tanks, vessels, boilers and ducts. Stone wool Wire Mats Blanket is suitable where high temperatures combined with vibrations or high fire resistance is required. Retention of the fibers by the 25mm (1") wire mesh prevents any cracking or breaking. Wire mesh can be made from either galvanized steel or stainless steel materials.

Product Property:

Properties	Unit	Value
Nominal Density	Kg/m ³	80 ~ 128
Max Service Temperature	°C	750
Chloride Content	ppm	Less than 10 ppm
Reaction to Fire		EuroClass A1
Water Absorption	Kg/m ²	Less than 1 kg/m ²
Linear Shrinkage		Less than 2% (at max service temperature)

Basic Installation Guideline:

Stone wool Wire Mats Blanket can be cut to required length and wrapped tightly around the equipment. The edges of each mattress should be butt jointed closely together to eliminate gaps and stitched using steel wire. Stone wool Wire Mats Blanket can be secured to the equipment with steel band or pin with speed clips.

Packaging and storage:

Supplied in polyethylene shrink wrap sheets for ease overall handling. Products should be stored indoors or under waterproof covering

