

Needled Mat

EMN450-1000-3

Identification

Example: EMN450-1000-3
EMN E-glass Needled Mat
660: Area weight (g/m²)
1000: Width (mm)
6: Thickness (mm)



Product Description

Fiberglass Needled Mat is a kind of porous sheet material with a thickness range from 3 to 25mm. It is made from chopped E-glass fiber yarns, which are carded to a net layer, placed on the conveyor belts by reciprocating movement and then needled together to form porous and soft structure with a crosslinked strength inside.

Because of the excellent properties of the glass fiber and the high porosity of needled mat, it is widely used as thermal insulation material in the pipeline coating industry, as filtration material in coom, steel, nonferrous metal and chemical industry.

Product Benefits

- Low thermal conductivity
- Low thermal shrinkage
- Good chemical stability

Technical Characteristics

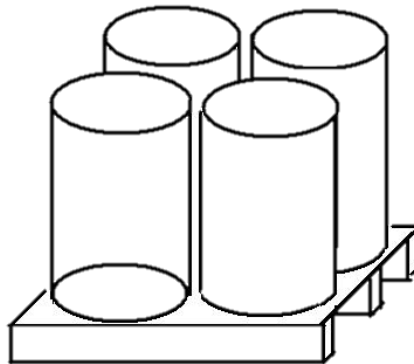
Sizing type	Filament Diameter (μm)	Area Weight(g/m ²)	Bulk Density (kg/m ³)	Thickness (mm)	Width (mm)	Moisture Content (%)
/	ISO 1888	ISO 3374	/	ISO 4603	ISO 5025	ISO 3344
Starch	7-9	±18%	±20%	±20%	±8	≤0.20

Product code	Glass Type	Area Weight(g/m ²)	Bulk Density (kg/m ³)	Thickness (mm)	Width (mm)
EMN450-1000-3	E	450	150	3	1000

Packaging

Package	General Length(m)	Roll Weight(kg/roll)	Core Inside/Outside Diameter(mm)	Number of roller per pallet	Pallet size(mm) L*W*H
EMN450-1000-3	45	20.3	76.5/510	4	1140*1140*110

Pallets illustration



Note: Products can be packed according to the customer's request.

Storage

The products should be stored away from heat and moisture, and in their original packaging. The best conditions are: temperatures between 15 and 35 °C; humidity between 35 and 65 %.

If the product is not stored under these specifications, it is advisable to condition it in the workshop for at least 24 hours before use to prevent condensation.

CPIC recommends that the material be used according to FIFO (first in, first out) method. It is recommended the use of a spacer plate (10mm) between the pallets.

