



Technical Data Sheet

Fiberglass Mesh WME-120E



Technical Specifications

No.	Characterizations	Unit	Specification	Acceptance Criteria	Test Method
1	Type Glass	-	E-glass	-	-
2	Color	-	White	-	-
3	Mesh Size	mm	5x5	≥ 5	-
4	Length	M	50	-	-
5	Width	cm	20-25-33-40-50-60-100 (Up to Customer Order)	-	-
6	Mass per Unit Area	gr/m ²	≥ 120	≥ 100	ISO 3374
8	Breaking Strength	N/50 mm	≥ 1400	-	
		MPa	≥ 1100	≥ 1000	

Application

E-glass Fiberglass WallMesh is a woven product made from glass fibers, designed for non-alkaline environments, Primarily for gypsum-based applications in industrial and construction settings. this mesh is ideal for reinforcing non-structural components in construction projects. Specifically engineered for non-cementitious environments it plays a crucial role as a primary component of wall reinforcement with fiber mesh solution. These composites are widely used for strengthening and retrofitting masonry structures. The mesh ensures durability and long-term performance by maintaining its integrity in the non-alkaline conditions of gypsum-based systems, making it an indispensable solution for advanced reinforcement applications.

Advantages

- High tensile strength for enhanced durability and reliable performance in reinforcement applications.
- Strong adhesion to gypsum for effective reinforcement.
- Lightweight, easy to handle, and install.
- Key component of wall reinforcement with fiber mesh solution.
- Ideal for industrial and construction applications.

Storage

The glass-fiber fabric should be stored in its original packaging in a dry environment. To ensure optimal preservation, we recommend protecting the packaging from direct sunlight. The ideal storage temperature ranges from -10°C to 50°C, with a recommended relative humidity of up to 50%.

Packaging

- 50 m² Cartons

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