



Continuous Filament Mat (CFM)

Nanjing Tianming Fiberglass Products Co., Ltd

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CFM for Preforming

Product Description

M7101 represents a good choice of tailored preforming solutions for the closed mold process. Its products enable extra stretch and good resin flow for deeper draw applications. They are designed to be preformed with the same dimensions as the final part and for use in closed mold process such as RTM (high and low-pressure injection), infusion and compression molding.

Product Benefits

- Outstanding tensile strength and bending strength.
- Excellent compatibility with resin.
- Excellent chemical stability, heating resistance, and well insulation.
- Easily molding and conforming to complex shapes.

Application

- Preforming
- RTM (high and low pressure injection).
- HP-RTM
- Automotive, truck, industrial.

Product Portfolio

Product Name	Weight	Width	Tensile Strength		Loss on Ignition (%)	Resin	Process
	(g/m ²)	(mm)	Vertical	Horizontal		Compatibility	
M7101	225	1040-2300	≥200N	≥160N	8±2	UP/VE/EP/PU	Preforming
	300	1040-2300	≥320N	≥250N	8±2	UP/VE/EP/PU	Preforming
	450	1040-2300	≥500N	≥450N	8±2	UP/VE/EP/PU	Preforming
	600	1040-2300	≥650N	≥500N	8±2	UP/VE/EP/PU	Preforming

(1) Other weights can be customized upon request.

(2) Other width can be customized upon request.



Packaging & Labeling

Each roll is wrapped around a paper tube with an inner diameter of 76 millimeters (3 inches), completely wrapped in stretched film packaging, placed vertically or horizontally on each pallet, and wrapped in stretched film packaging. To achieve 100% traceability, the information is printed on the packaging film. Each roll has a label that provides a detailed description of the product specifications, product code, nominal weight, roll width, roll number, and manufacturing date. Each pallet is identified by a pallet label, including the date and the pallet weight.

Storage

For best performance results, fiberglass products should be stored in a dry, cool, and moisture-proof area. It is recommended to maintain room temperature and humidity at 15°C-35°C, ranging from 35% to 65%, respectively. Protect product from all sources of water at all times. Before use, products should be conditioned in the work area for a minimum of 24 hours. If the contents of a package unit are partially used, limitations on the shelf life of the product. To ensure optimal performance, retesting is recommended for products stored more than two years from the initial production date.





FOR BETTER FUTURE

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