



Continuous Filament Mat (CFM)

Nanjing Tianming Fiberglass Products Co., Ltd

www.tmfiber.com E-mail: marketing@njtm.cn

CFM for Pultrusion / Lamination

Product Description

M8102 and M8101 mats are ideally suited for pultrusion processes for wide, long and heavy parts as well as for narrow and complex profiles. The M8102 mat has a high rigidity which helps to work with large and small CFM cuts without losing fibers. M8102 mat is compatible with unsaturated polyester and vinyl ester resin systems and designed primarily for the reinforcement of pultruded shapes, including gratings, ladder rails, frames, and insulators.

Product Benefits

- Very good surface aspect.
- High tensile strength.
- Fast wet-through and good wet-out, good conformability.
- Excellent mat strength.
- Excellent corrosion resistance providing longer service.

Application

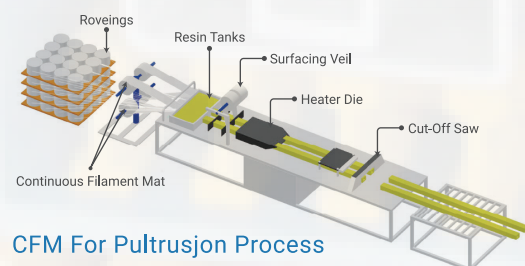
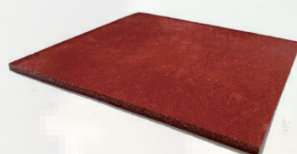
- Gratings
- Ladder rails
- Frames
- Insulators
- Building doors and windows

Product Portfolio

Product Name	Weight	Width	Tensile Strength		Loss on Ignition (%)	Resin	Process
	(g/m ²)	(mm)	Vertical	Horizontal		Compatibility	
M8102	225	1050-2100	≥200N	≥120N	8±3	UP/VE/EP	Pultrusion/ Lamination
	300	1050-2100	≥220N	≥160N	8±3	UP/VE/EP	Pultrusion/ Lamination
	450	1050-2100	≥250N	≥200N	8±3	UP/VE/EP	Pultrusion/ Lamination
	600	1050-2100	≥300N	≥250N	6±2	UP/VE/EP	Pultrusion/ Lamination
M8101	225	1040-2300	≥200N	≥160N	6±2	UP/VE/EP	Pultrusion/ Lamination
	300	1040-2300	≥320N	≥250N	6±2	UP/VE/EP	Pultrusion/ Lamination
	450	1040-2300	≥500N	≥450N	5±2	UP/VE/EP	Pultrusion/ Lamination
	600	1040-2300	≥650N	≥500N	5±2	UP/VE/EP	Pultrusion/ Lamination

(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

Nanjing Tianming Fiberglass Products Co.,Ltd

Add: 8#Wei Er Road, TangShan Industrial Park, Jiangning, Nanjing, Jiangsu,China

Tel: +86-25-52420369 / 84179197

Fax: 86-25-52432264

E-mail: marketing@njtm.cn

Website: www.tmfiber.com