FIBERLINK INC.

TECHNICAL DATA SHEET

CONTINUOUS FILAMENT MAT

Product Introduction

M7 is a continuous filament mat of random orientation in multiple layers and held together by a binder. It's compatible with UP, vinyl ester and epoxy resin. This product is recommended for the production of continuous profiles by pultrusion.

Product Description

M7-J Continuous Filament Mats are designed to be compatible in UP, vinyl ester and epoxy resin systems.

To help ensure the quality of customers' products, the quality management programs of manufacturing M7-J Continuous Filament Mats are controlled under the requirements of ISO 9001.

Packaging

M7-J Continuous Filament Mat is wound into a roll on a cardboard inner tube with an inside diameter of 101.6 mm (4"). All densities are 55cm (21.5") in diameter. Each roll is wrapped with a plastic bag. Four (4) rolls are placed vertically on a pallet, which is stretch wrapped.

Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Temperature should not exceed 35ºC (95ºF) and the relative humidity should be kept below 75%. Fiberglass products must remain in packaging material until just prior to its use. If these conditions are respected, the glass fiber product should not undergo significant changes when stored for extended periods of time.

Stacking

To ensure safety and avoid damage to the product, skids should not be stacked more than two high. When stacking two pallets high, care should be taken to correctly and smoothly place the top pallet.

Customer Benefits

- High tensile strength at temperature and in styrene
- Easy processing (two faces well bound, easy splicing)
- Very good mechanical and dielectical properties of molded sheets
- White color of the mat

55 Valleywood Drive, Markham ON L3R 5L9 Canada
Tel: 905-475-2300 Fax: 905-475-2303
sales@fiberglassfiberlink.com info@fiberglassfiberlink.com
www.fiberglassfiberlink.com

Product Data

ID Number	Unit Weight (g/m^2)	Solubility in Styrene	Linear Weight of Basic Strands (tex)	Loss on Ignition (%)	Tensile Strength (N)	Compatible Resin	Moisture Content (%)
M7-008-J	225	Very Low	25	6	70	UP/VE/EP	0.2
M7-010-J	300	Very Low	25	5.5	100	UP/VE/EP	0.2
M7-015-J	450	Very Low	25	4.6	140	UP/VE/EP	0.2
M7-020-J	600	Very Low	25	4.2	160	UP/VE/EP	0.2
M7-030-J	900	Very Low	25	3.8	270	UP/VE/EP	0.2

Other weights & combination available to order

Packing Information

Product Code	Roll Weight (kgs)	Length/Roll (m)	No. of Rolls/Pallet	No. of Pallets/40' HC
M7-008-50J	103	360	4 or 3	20 (4 rolls) + 18 (3 rolls)
M7-008-60J	123	360	4 or 2	20 (4 rolls) + 14 (2 rolls)
M7-008-72J	150	360	4	20 (4 rolls)
M7-010-50J	109	280	4 or 3	20 (4 rolls) + 18 (3 rolls)
M7-010-60J	131	280	4 or 2	20 (4 rolls) + 14 (2 rolls)
M7-010-72J	160	280	4	20 (4 rolls)
M7-015-50J	109	190	4 or 3	20 (4 rolls) + 18 (3 rolls)
M7-015-60J	131	190	4 or 2	20 (4 rolls) + 14 (2 rolls)
M7-015-72J	160	190	4	20 (4 rolls)
M7-020-50J	109	145	4 or 3	20 (4 rolls) + 18 (3 rolls)
M7-020-60J	131	145	4 or 2	20 (4 rolls) + 14 (2 rolls)
M7-020-72J	160	145	4	20 (4 rolls)
M7-030-50J	103	90	4 or 3	20 (4 rolls) + 18 (3 rolls)
M7-030-60J	123	90	4 or 2	20 (4 rolls) + 14 (2 rolls)
M7-030-72J	150	90	4	20 (4 rolls)

Disclaimer of Liability

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