

Description

EnkaFusion Flow Medium Type 7001 is a two-dimensional nylon matting consisting of randomly oriented, fused and entangled filaments. The unique, open structure of the matting expedites the flow of resin and creates a separation layer when placed between fiberglass. The "flat" nature of this product keeps resin content to a minimum while enhancing resin flow. This product is designed for use in Infusion, Resin Transfer Molding (RTM) and Vacuum Assisted Resin Transfer Molding (VARTM.)

Features and Benefits

- Creates open flow channel
- Complete wet-out of fiberglass
- Flexible
- Nylon allows for high heat range
- Quick turnover of molds
- Easy to cut and install

Technical Data

Physical Properties

Property	English Units	Metric Units
Core Material	Nylon 6	
Thickness	0.039 in	1.0 mm
Core Weight	5.2 oz/yd ²	177.0 g/m ²
Color	Blue	
Durability Characteristics	80 % Strength Retention	
Melting Point Temperature	420° F	216° C
Fuel & Gasoline Submersion	Stable	
Fire Rating	NFPA Class A*	
Smoke Density	15	
Flame Spread	25	
Fuel Contribution	0	

* Will not promote flame spread

Packaging

Property	English Units	Metric Units
Product ID	Type 7001	
Core Width	39.0 in	99.1 cm
Length	250.0 ft	76.2 m
Area	90.0 yd ²	75.5 m ²
Roll Diameter	24.0 in	61.0 cm
Gross Roll Weight	40.0 lbs	18.0 kg

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