

Description

EnkaFusion Flow Medium Type 5006 is a three-dimensional nylon matting consisting of randomly oriented, fused and entangled filaments formed into a unique, cusped core. The open structure of the matting expedites the flow of resins and foams and creates a separation layer when placed between fiberglass. This unique cusped design is perfect for pushing fiberglass against the mold walls creating a “spring action.” The nylon core maintains high compression resistance and will not collapse under vacuum. 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	0.33 in	8.4 mm
Core Weight	6.9 oz/yd ²	234.0 g/m ²
Color	Black	
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 5006	
Core Width	39.0 in	99.1 cm
Length	100.0 ft	30.5 m
Area	36.0 yd ²	30.1 m ²
Roll Diameter	24.0 in	61.0 cm
Gross Roll Weight	19.0 lbs	8.6 kg

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