

#1401 EnkaFusion Nylon Matting (Type CX-7000)



Overview:

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

TECHNICAL DATA		
Typical Physical Properties	USA (Metric)	Type 7001
Core Material		Nylon 6
Thickness	Inches (mm)	0.039 (1.0)
Core Weight	Oz/yd ²	5.2 (177.0)
Color		
Performance Characteristics - 80% Strength Retention		
Low Temperature	°F (°C)	-100 (-73)
High Temperature	°F (°C)	250 (121)
Fuel & Gasoline Submersion		Stable
Fire Rating		NFPA Class A*
Smoke Density		15
Flame Spread		25
Fuel Contribution		0

*Will not promote flame spread.