

Core Wrap / Separator Tapes

NEPTAPE® M100F7

Construction: 0.00092" (23μ) polyester film
0.00070" (18μ) EAA film

Description: Heat fusible binding and insulating tape which is typically used as a core wrap to protect conductors from cable filling materials and jacketing compounds.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0017 inches	43 microns	ASTM D374
Yield	95.5 ft ² /lb 0.87 lbs/mft @ 1" wide	19.56 m ² /kg 0.51 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	15,100 psi	104 MPa	Calculated
Break Strength	25.6 lbs/in width	45 N/10mm width	ASTM D882
Elongation at Break	103%	103%	ASTM D882
Dielectric Strength of Film	4.0 kV	4.0 kV	Supplier Data
Dielectric Constant of Film	3.0 (dimensionless)	3.0 (dimensionless)	Supplier Data
Density	NA	1.19 g/cm ³	Calculated
Max. Continuous Operating Temperature	175°F	80°C	Supplier Data
Colors	Blue tint on fusible side		
Splice Type	#7, max. 5/pad for ≤ 21" OD		
Standard Pad Put-ups	Core ID - 3" Pad OD - 14" to 21"		
Standard Traverse Put-ups	3" x 5.75" x 3.5" - narrow slit material 3" x 11" x 3"		

ASTM Test Methods are listed for reference only. Actual testing performed according to modified equipment and conditions. Specific test methods available upon request.



The data presented here is intended for product selection purposes only. Typical properties represent data characteristics of the product, but do not necessarily reflect minimum values during normal testing. Specification data can be provided upon request.

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