



NEPTAPE® Data Sheet

Marker Identification Tapes

NEPTAPE® WM100H

Construction: 0.00092" (23μ) pigmented polyester film
0.00020" (5μ) heat seal coating

Description: Heat sealable pigmented binding and insulating tape. Heat sealable adhesive bonds to polyethylene, PVC and itself. Typically used in multiconductor cables to identify pairs and protect conductors from cable filling materials and jacketing compounds.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0012 inches	30 microns	ASTM D374
Yield	139.8 ft ² /lb. 0.60 lbs/mft @ 1" wide	28.6 m ² /kg 0.35 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	16,700 psi	115 MPa	Calculated
Break Strength	20 lbs/in width	35 N/10mm width	ASTM D882
Elongation at Break	110%	110%	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	1.40 g/cm ³	Calculated
Max. Continuous Operating Temperature	220°F	105°C	Supplier Data
Sealing Temperature	260-290°F	130-145°C	NEPTCO TM-008
Colors	White		
Splice Type	#6		
Standard Pad Put-ups	3" x 5,000'		
Standard Traverse Put-ups	NA		

*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.