



NEPTAPE® Data Sheet

Marker Identification Tapes NEPTAPE® NM180S

Construction: 0.00300" (76μ) printed Nomex® aramid paper

Description: 1/8" (3.2 mm) wide high temperature identification tape printed with legend and sequential footage markings.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0031 inches	80 microns	ASTM D374
Yield	75.8 ft ² /lb. 1.10 lbs/mft @ 1" wide	15.5 m ² /kg 0.64 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	10,400 psi	72 MPa	Calculated
Break Strength	33 lbs/in width	57 N/10mm width	ASTM D882
Elongation at Break	7%	7%	ASTM D882
Dielectric Strength of Film	0.5 kV	0.5 kV	Supplier Data
Dielectric Constant of Film	1.6 (dimensionless)	1.6 (dimensionless)	Supplier Data
Density	NA	0.79 g/cm ³	Calculated
Max. Continuous Operating Temperature	440°F	225°C	Supplier Data
Sealing Temperature	NA	NA	NEPTCO TM-008
Colors	Natural (White)		
Splice Type	#24, max. 1/1000' for traverse packages		
Standard Pad Put-ups	NA		
Standard Traverse Put-ups	2" ID x 12,000 ft x 6" T - w/ 7/16" arbor hole		

*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.