NEPTCO Incorporated

NEPTAPE® Data Sheet

Marker Identification Tapes
NEPTAPE® HP150

Construction: 0.00142" (36µ) polyester film
0.00020" (5µ) heat seal coating

Description: Heat seal conductor identification tape (CID tape) printed with legend. Also performs as a core wrap, fusing to PVC, polyethylene, and itself at tape overlap.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0018 inches	46 microns	ASTM D374
Yield	92.3 ft^2/lb. 0.90 lbs/mft @ 1" wide	18.9 m^2/kg 0.53 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	21,900 psi	151 MPa	Calculated
Break Strength	39 lbs/in width	69 N/10mm width	ASTM D882
Elongation at Break	149%	149%	ASTM D882
Dielectric Strength of Film	5.5 kV	5.5 kV	Supplier Data
Dielectric Constant of Film	3.0 (dimensionless)	3.0 (dimensionless)	Supplier Data
Density	NA	1.30 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, max. 6/pad or max. 1/1000' for traverse packages		
Standard Pad Put-ups	Core ID - 3" or 6" Pad OD - 12" or 18"		
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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