



Core Wrap / Separator Tapes NEPTAPE® COR300

Construction: 0.00300" (76μ) corrugated polyester film

Description: A polyester film corrugated in the longitudinal direction that is typically used as a binder for multi-conductor energy cables. The corrugation feature of the film provides cushioning, which allows it to be used as a substitute for woven bedding tapes.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0030 inches	76 microns	ASTM D374
Yield	46.0 ft ² /lb 1.81 lbs/mft @ 1" wide	9.42 m ² /kg 1.06 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	28,000 psi	193 MPa	Calculated
Break Strength	84 lbs/in width	147 N/10mm width	ASTM D882
Elongation at Break	145%	145%	ASTM D882
Dielectric Strength of Film	10.0 kV	10.0 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	NA	NA	NEPTCO TM-008
Splice Type	#22, 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.

NEPTCO, Incorporated
Box 2323, 30 Hamlet Street
Pawtucket, RI 02861-0323 USA
TEL: 401-722-5500
FAX: 401-722-6378