



## Core Wrap / Separator Tapes NEPTAPE® M80CX

**Construction:** 0.00080” (20μ) co-extruded polyester film

**Description:** Heat sealable bonding and insulation tape that seals to itself and to PVC. Typically used as a fusible core wrap in twisted pair constructions.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0008 inches	20 microns	ASTM D374
Yield	172.3 ft <sup>2</sup> /lb 0.48 lbs/mft @ 1" wide	35.3 m <sup>2</sup> /kg 0.28 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	21,800 psi	150 MPa	Calculated
Break Strength	18 lbs/in width	31 N/10mm width	ASTM D882
Elongation at Break	135%	135%	ASTM D882
Dielectric Strength of Film	NA	NA	Supplier Data
Dielectric Constant of Film	3.0 (dimensionless)	3.0 (dimensionless)	Supplier Data
Density	NA	1.40 g/cm <sup>3</sup>	Calculated
Max. Continuous Operating Temperature	175°F	80°C	Supplier Data
Sealing Temperature	300-320°F	150-160°C	NEPTCO TM-008
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.

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