



## Core Wrap / Separator Tapes NEPTAPE® PP400

**Construction:** 0.004" (102μ) polypropylene film

**Description:** Slit film which binds and insulates conductors.

| Typical Properties                    | US Customary  | Metric  | Test Method      |
|---------------------------------------|---|---|------------------|
| Thickness                             | 0.0040 inches   | 102 microns                                       | ASTM D374        |
| Yield                                 | 53.1 ft <sup>2</sup> /lb.<br>1.57 lbs/mft @ 1" wide       | 10.9 m <sup>2</sup> /kg<br>0.92 kg/km @ 10mm wide | NEPTCO<br>TM-002 |
| Tensile Strength                      | 33,000 psi  | 228 MPa   | Calculated       |
| Break Strength                        | 132 lbs/in width  | 231 N/10mm width                                  | ASTM D882        |
| Elongation at Break                   | 57%   | 57%   | ASTM D882        |
| Dielectric Strength of Film           | 10.0 kV   | 10.0 kV   | Supplier Data    |
| Dielectric Constant of Film           | 2.0 (dimensionless)                                       | 2.0 (dimensionless)                               | Supplier Data    |
| Density                               | NA  | 0.90 g/cm <sup>3</sup>                            | Calculated       |
| Max. Continuous Operating Temperature | 200°F   | 95°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"<br>Pad OD - 12" or 18"                 |   |                  |
| Standard Traverse Put-ups             | 3" x 5.75" x 3.5" - narrow slit material<br>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