



## NEPTAPE® Data Sheet

# SHIELDING TAPE - Standard Film/Foil Laminates NEPTAPE® PF200

**Construction:** 0.00090" (23μ) polypropylene film  
0.00100" (25μ) aluminum foil

**Description:** General purpose, high yield shielding tape with excellent conformal characteristics.

| Typical Properties          | US Customary   | Metric   | Test Method      |
|-----------------------------|--|--|------------------|
| Thickness                   | 0.0021 inches  | 53 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 @ 10m wide | NEPTCO<br>TM-002 |
| Tensile Strength            | 16,000 psi   | 110 MPa  | Calculated       |
| Break Strength              | 34 lbs/in width  | 59 N/10mm width                                  | ASTM D882        |
| Elongation at Break         | 38%  | 38%  | ASTM D882        |
| Dielectric Strength of Film | 3.8 kV   | 3.8 kV   | Supplier Data    |
| Dielectric Constant of Film | 2.0 (dimensionless)  | 2.0 (dimensionless)                              | Supplier Data    |
| Density                     | NA   | 1.73 g/cm <sup>3</sup>                           | Calculated       |
| Electrical Resistance       | 15 Ω/mft @ 1" wide   | 125 Ω/km @ 10mm wide                             | Supplier Data    |
| Colors                      | Natural (Clear)/Blue/Red/Gold/Green - Other colors available upon request.               |  |                  |
| Splice Type                 | #11, max. 5/pad for < 22" OD or 6/pad for > 22" OD<br>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.