

Technical Data Sheet

No Skidding® Anti-Slip Black Grit Tape - NS5100B 60 grit

DESCRIPTION

No Skidding® NS5100B black commercial grade anti-skid tape is a durable slip-resistant aluminum oxide non-slip tape that has been designed for slip-resistance for a variety of indoor and outdoor applications. NS5100B black grit tape provides a high traction solution with a durable adhesive system for most commercial indoor and outdoor applications. NS5100 is NFSI certified for "High Traction" and meets Prop 65, ADA, and OSHA standards.

APPLICATIONS

No Skidding® Anti Slip Grit Tape NS5100 Black is designed for indoor and outdoor applications that require long term adhesion to a wide variety of surfaces. It is successfully used in a wide range of markets including OEM, MRO, commercial, industrial, military. It is NFSI certified for "High Traction".

PROPERTIES

| PHYSICAL PROPERTIES | TEST METHODS | TYPICAL RESULTS |
|-----------------------------------|---|---|
| Thickness | PSTC – 133 - Substrate - Pressure Sensitive adhesive - Release Liner | 0.024 inch (0.609 mm) 0.002 inch (0.051 mm) 0.006 inch (0.152 mm) |
| Peel Adhesion To: | PSTC – 101 | |
| - Stainless Steel | 15-minute dwell 24-hour dwell | 48 oz/in (53 N/100 mm) 75 oz/in (83 N/100 mm) |
| - Powder Coated surfaces | 15-minute dwell 24-hour dwell | 50 oz/in (55 N/100 mm) 60 oz/in (66 N/100 mm) |
| - Polyethylene | 15-minute dwell 24-hour dwell | 40 oz/in (44 N/100 mm) 45 oz/in (49 N/100 mm) |
| Shear Adhesion To: | PSTC – 107 | |
| - Stainless Steel | ½" x ½" x 1000g | 2 hours |
| Tack | PSTC – 6 Rolling Ball Tack | <2 inches |
| Coefficient of Friction (Kinetic) | ASTM D1894 - Dry Rubber - Wet Rubber - Dry Leather - Wet Leather | 1.1 1.0 0.8 1.3 |
| Service Temperature - High | 14 days at 150°F | No visible effects |
| - Low | 14 days at -20°F | No Visible Effects |

| CHEMICAL PROPERTIES | REAGENT | RECOMMENDATIONS |
|--|-------------------------|---------------------------|
| Solvent Resistance (Product laminated to stainless steel panel and allowed to condition for 24 hrs at room temperature before testing. Sample was covered with reagent to the point that edges of product are also exposed to the reagent. This product is exposed to reagent for 1 hour at room temperature then reagent is removed, and product is immediately tested for scrape resistances, delaminating and other visual effects.) | Water | Recommended |
| | 10% Salt Water | Recommended |
| | Bleach | Recommended |
| | Trichloroethylene | Not Recommended |
| | 25% Sulfuric Acid | Not Recommended |
| | 1% Sodium Hydroxide | Intermittent Contact Only |
| | Unleaded Gasoline | Recommended |
| | Diesel Fuel | Intermittent Contact Only |
| | Hydraulic Fluid | Recommended |
| | 50% Antifreeze in water | Recommended |
| | MEK | Not Recommended |
| | Mineral Spirits | Recommended |
| | 99% IPA | Intermittent Contact Only |

- *Color and lot variances of coated surfaces including paints, powder coatings, lacquers, stains and other treatments may vary the performance of the tape and should be evaluated for the compatibility of the tape to the specific surface.*

Note: While the data contained herein is believed to be reliable averages of the product's properties, the data should not be used for specification purposes. Test Data and results contained in this document are for general guidance only and should not be used by customers to establish designs and specifications. Customers who desire performance data should contact No Skidding® Products for further recommendations.

WARRANTY

This product cannot eliminate the possibility of slipping. The determination of the suitability of this product for any specific use is solely the responsibility of the user. No representations guarantees or warranties of any kind are made to the accuracy or suitability of information in this document to any specific application. No Skidding® warrants its products to be free from defects but limits its obligation to replacement of products that has been proven, to No Skidding® satisfaction, to be defective. This warranty is non-transferable and only applied to customers buying directly from No Skidding® Products. No Skidding® is not liable for any loss, damage, expenses, or consequential damages arising in connection with the use of this product. E & OE. 11/17