

Technical Data Sheet

No Skidding® Anti-Slip Red Grit Tape #NS5100R, 60 grit

DESCRIPTION

No Skidding® NS5100R commercial grade anti-skid tape is a durable slip-resistant aluminum oxide non-slip tape that has been designed for slip-resistance and to provide a visual warning that marks possible slip and fall hazards. NS5100 series 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 series 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

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.