


**TECHNICAL DATA SHEET**

	<b>TDS No:</b>	<b>050</b>	<b>Issue No:</b>	<b>1</b>
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<b>PRODUCT</b>		<b>3100 Safety Track</b>		

**Description**

**Jessup #3100 Safety Track®** is a commercial grade non-skid silicon carbide grit tape that has been designed to meet OSHA standards for general purpose anti-slip surface applications.

**Applications**

**Jessup #3100 Safety Track®** is designed for indoor and outdoor applications that require long term anchorage to a wide variety of surfaces. It has been successfully used in a wide range of market applications including OEM, Action Sports and Building Safety. #3100 is NFSI certified for “High Traction”.

**Properties**

<b>PHYSICAL PROPERTIES</b>	<b>TEST METHODS</b>	<b>TYPICAL RESULTS</b>
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.020 inch (0.508 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	90 oz/in (99 N/100 mm) 115 oz/in (126 N/100 mm)
- Powder coated surfaces *	15 minute dwell 24 hour dwell	80 oz/in (88 N/100 mm) 85 oz/in (93 N/100mm)
- Polyethylene	15 minute dwell 24 hour dwell	40 oz/in (44 N/100 mm) 50 oz/in (55 N/100 mm)
Shear Adhesion to:	PSTC – 107	
- Stainless Steel	1/2" x 1/2" x 1000g	5 hours
Tack	PSTC - 6 Rolling Ball Tack	< 3 inches

## Properties (Continued)

PHYSICAL PROPERTIES	TEST METHODS	NOMINAL RESULTS
Coefficient of Friction (Kinetic)	ASTM D1894 Dry Rubber Wet Rubber Dry Leather Wet Leather	1.2 1.1 1.0 1.4
Service Temperature High  Low	14 days at 220°F  14 days at -20°F	No Visible effects, slight material shrinkage at high temperatures No Visible effect

CHEMICAL PROPERTIES	REAGENT	RECOMMENDATION
<u>Solvent Resistance</u> <i>(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. The 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.)</i>	Water 10% Salt Water Bleach Trichloroethylene 25% Sulfuric Acid 1% Sodium Hydroxide Unleaded Gasoline Diesel Fuel Hydraulic Fluid 50% Antifreeze in water MEK Mineral Spirits 99% IPA	Recommended Recommended Recommended Not Recommended Recommended Intermittent Contact Only Intermittent Contact Only Recommended Recommended Recommended Not Recommended Recommended Recommended

\* Colour 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.

### Disclaimer

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