


## TECHNICAL DATA SHEET

	TDS No:	<b>017</b>	Issue No:	<b>1</b>
	Issue Date:		<b>06/05/14</b>	
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<b>PRODUCT</b>	<b>NovaTough DuraLine</b>			

### DESCRIPTION

A range of printed PVC based Floor Marking Hazard Warning Tapes which are protected with a clear, heavily embossed tough, durable PVC anti-slip laminate. It is coated with a high tack adhesive to facilitate bonding to most flooring surfaces.

### APPLICATIONS

NovaTough DuraLine is designed primarily for floor applications where there are slip, trip or fall hazards in industrial areas, commercial buildings, ramps, stairwells and maintenance platforms and bridges although its durability lends its use to areas prone to more wear and tear or abrasion.

### PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	NOMINAL RESULTS
Thickness	PSTC - 133 - PVC Layer - Clear anti-slip layer - Total product thickness - Liner thickness	0.080 mm 0.508 mm 0.588 mm 0.152 mm
Peel Adhesion to:	PSTC – 101	
- Stainless Steel	15 minute dwell 24 hour dwell	47 N/100 mm 76 N/100 mm
- Powder coated surfaces*	15 minute dwell 24 hour dwell	41 N/100 mm 50 N/100mm
- Polyethylene	15 minute dwell 24 hour dwell	35 N/100 mm 40 N/100 mm
Shear Adhesion to:	PSTC – 107	
- Stainless Steel	1/2" x 1/2" x 1000g	1 hours
Tack	PSTC - 6 Rolling Ball Tack	< 2 inches

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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**PRODUCT** NovaTough DuraLine

PHYSICAL PROPERTIES	TEST METHODS	NOMINAL RESULTS
Service Temperature High	14 days at 100°F	119mcd/m2 12.4mcd/ m2
Coefficient of Friction (Kinetic)	ASTM D1894 Dry Rubber Wet Rubber Dry Leather Wet Leather	
Anti-Slip Compliance	BGR R11 Classification for slip resistance in floor coverings and Graphics (Observes BGR 181 and DIN 51130)	Not Recommended 150°F max. service  No Visible effects
Service Temperature High	14 days at 220°F	0.9 1.0 0.3
Low	14 days at - 20°F	1.0

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**PRODUCT** NovaTough DuraLine

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

**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. Customers who desire specific performance data should contact Jessup Manufacturing Company for further recommendations.

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