

Smooth-N-Groove®

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DESCRIPTION

Smooth-N-Groove® is a white cast vinyl/foil media with a permanent adhesive. The intermediary foil layer allows for high conformability to a variety of irregular and rough surfaces.

APPLICATION & FEATURES

- Designed for outdoor wall applications
- Alternative to painting for wall signage and advertising
- Can be used on floors when used with ARMORLam™

PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC – 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.0065 inch (0.165 mm) 0.0025 inch (0.064 mm) 0.0060 inch (0.152 mm)
Peel Adhesion to:	PSTC – 101	
- Stainless Steel	15-minute dwell 24-hour dwell	80 oz/in (88 N/100 mm) 100 oz/in (110 N/100 mm)
- Powder coated surfaces *	15-minute dwell 24-hour dwell	70 oz/in (77 N/100 mm) 80 oz/in (88 N/100 mm)
- Polyethylene	15-minute dwell 24-hour dwell	50 oz/in (55 N/100 mm) 60 oz/in (66 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	< 5 inches
Adhesive Temperature Range		
- Application Temperature		>32°F
- Operating Temperature		-40 - 347°F

* 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.

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
COMPATIBLE INKS	UV inkjet, latex, solvent, and eco-solvent	
CHEMICAL PROPERTIES	REAGENT	RECOMMENDATION
<u>Solvent Resistance</u> (Product laminated to stainless steel panel and allowed to condition for 24 hours 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 one hour at room temperature, then reagent is removed, and product is immediately tested for scrape resistances, delaminating, and other visual effects.)	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 Intermittent Contact Only Intermittent Contact Only Recommended Recommended Recommended Recommended Not Recommended Not Recommended Intermittent Contact Only

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 specific performance data should contact Jessup Manufacturing Company for further recommendations.