

Technical Data Sheet



Softex® Embossed Resilient (PFX Series)

Issue Date: 12/1/2016 Version 1.2

DESCRIPTION

Softex® PVC Embossed Resilient is a heavily embossed anti-slip PVC that has been engineered with an aggressive adhesive system to adhere to a wide variety of surfaces. Available colors are clear, black, white and messaging.

APPLICATION

Softex® PVC Embossed Resilient is designed for indoor and outdoor non-skid applications that require long-term anchorage to a wide variety of surfaces. It has been successfully used in a wide range of markets including OEM, Action Sports, Building Safety, etc.

PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.021 inch (0.457 mm) 0.002 inch (0.051 mm) 0.007 inch (0.178 mm)
Peel Adhesion to:	PSTC – 101	
- Stainless Steel	15 minute dwell 24 hour dwell	55 oz/in (66 N/100 mm) 75 oz/in (82 N/100 mm)
- Powder coated surfaces *	15 minute dwell 24 hour dwell	40 oz/in (44 N/100 mm) 55 oz/in (60 N/100 mm)
- Polyethylene	15 minute dwell 24 hour dwell	20 oz/in (22 N/100 mm) 25 oz/in (27 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

* 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.

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PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Coefficient of Friction (Kinetic)	ASTM D1894 Dry Rubber Wet Rubber Wet Leather	0.9 1.0 1.0
Service Temperature High	14 days at 220°F	No visible effects, moderate shrinkage and high elasticity
Low	14 days at -20°F	No visible effects
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 Recommended Recommended Recommended Recommended Recommended Not Recommended Recommended Recommended

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 INCOM Manufacturing Group for further recommendations.

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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 applications. INCOM warrants its products to be free from defects but limits its obligation to replacement of products that have been proven, to INCOM's satisfaction, to be defective. This warranty is non-transferable and only applies to customers buying directly from INCOM. INCOM is not liable for any loss, damage, expenses, or consequential damages arising in connection with the use of this product.