

## ARMORLam®5

Issue Date: 9/19/2024 Version 1.5

### DESCRIPTION

ARMORLam® 5 is a 4-mil clear textured polypropylene with 1.5 mils of a solvent acrylic adhesive.

### APPLICATION & FEATURES

- Protective overlamine
- Designed to be used for floor graphics in combination with other printable substrates
- UL410 certified for slip resistance
- PVC free

### PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC – 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.0040 inch (0.102 mm) 0.0015 inch (0.038 mm) 0.0015 inch (0.038 mm)
Peel Adhesion to:	PSTC – 101	
- Stainless Steel	15-minute dwell 24-hour dwell	70 oz/in (77 N/100 mm) 95 oz/in (105 N/100 mm)
- Powder coated surfaces *	15-minute dwell 24-hour dwell	55 oz/in (61 N/100 mm) 65 oz/in (72 N/100 mm)
- Polyethylene	15-minute dwell 24-hour dwell	45 oz/in (50 N/100 mm) 60 oz/in (66 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	< 5 inches
Adhesive Temperature Range		
- Application Temperature		> -29°F
- Operating Temperature		-49 - 200°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
Coefficient of Friction (Static)	ASTM D-2047	Passed
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 Floor Cleaner All-Purpose Cleaner 50% Antifreeze in water MEK Mineral Spirits 99% IPA	Recommended Recommended Recommended Intermittent Contact Only Intermittent Contact Only Recommended Intermittent Contact Only Recommended Recommended Recommended Intermittent Contact Only 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 Jessup Manufacturing Company for further recommendations.