

# ARMORLam®5

Issue Date: 12/1/2021 Version 1.4

## DESCRIPTION

ARMORLam® 5 is a 4 mil clear textured non-vinyl with a 1.5 mil adhesive. This product is UL410 certified for slip resistance.

## APPLICATION

ARMORLam® 5 is designed to be used for floor graphics in combination with other printable substrates. The overlamine protects promotional and safety graphics, while also providing a non-slip surface for the application. Durability is up to 6 months depending upon media, application and environment.

## PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.004 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

Service Temperature Range: -20 - 180°F

Minimum Application Temperature: 50°

Shelf Life: 1 year

*\* 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.*



### PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Coefficient of Friction (Static)	ASTM D-2047	Passed
Service Temperature High	7 days at 150 °F	No visible effects
Low	7 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 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. Jessup Manufacturing Company cannot guarantee colors due to the variation in ink lots, manufacturing processes, etc. Sample colors may also vary as the samples may be shipped from different bundles or lots. Customers who desire specific performance data should contact Jessup Manufacturing Company for further recommendations.

### WARRANTY

Jessup Manufacturing Company products are warranted to be free of defects in material and manufacture at the time of shipment and to meet the specifications stated in the Technical Specifications Sheets. Jessup Manufacturing Company will replace or refund the price of any Jessup Manufacturing Company materials found not to meet our product specifications. In no case shall Jessup Manufacturing Company be liable for any direct, indirect, or consequential damages; including labor or non- Jessup Manufacturing Company materials charges.

\*\*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 for specific applications.