JESSUP Adhesive Coated Films

Technical Data Sheet

Glo Brite® 7520

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DESCRIPTION

Jessup Glo Brite® 7520 is a safety grade flexible photoluminescent polyester film coated with a permanent acrylic adhesive that has been designed to exceed requirements for emergency egress and other safety standards.

APPLICATION & FEATURES

- Recommended for indoor applications
- Target markets, safety signage in buildings, marine, rail, and military applications

PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC – 133 - Substrate - Pressure Sensitive Adhesive - Release Liner	 0.009 inch (0.229 mm) 0.002 inch (0.051 mm) 0.005 inch (0.127 mm)
Peel Adhesion to: - Stainless Steel - Powder coated surfaces * - Polyethylene	PSTC – 101 15-minute dwell 24-hour dwell 15-minute dwell 24-hour dwell 15-minute dwell 24-hour dwell	 40 oz/in (44 N/100 mm) 60 oz/in (66 N/100 mm) 20 oz/in (22 N/100 mm) 40 oz/in (44 N/100 mm) 10 oz/in (11 N/100 mm) 10 oz/in (11 N/100 mm)
Shear Adhesion to: - Stainless Steel	PSTC – 107 1/2” x 1/2” x 1000g	 < 10 hours
Tack	PSTC - 6 Rolling Ball Tack	< 5 inches
Adhesive Temperature Range - Application Temperature - Operating Temperature	 >0°F -10 - 375°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
Luminous Values	DIN 67510 / ASTM 2072 (Xe lamp 1000Lx / 5 min) 10 min (Xe lamp 1000Lx / 5 min) 60 min	 42 mcd/m2 5 mcd/m2 500 min to 0.3 mcd/m2
Luminous Compliance	DIN 67510, ASTM 2072, ISO 15370, EU Marine Equipment Directive, IMO RES A. 752 (18), PSPA Class A	
Compatible Inks	Solvent, offset, digital, laser jet, inkjet and UV systems	
CHEMICAL PROPERTIES	**REAGENT**	**RECOMMENDATION**
Solvent Resistance (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 Recommended Recommended Recommended Intermittent Contact Only 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 Jessup Manufacturing Company for further recommendations.

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