Glo Brite® 7550-HT
Issue Date: 6/1/2016 Version 1.3

TECHNICAL DATA SHEET

DESCRIPTION
Jessup Glo Brite® 7550-HT is a safety grade flexible photoluminescent polyester film coated with a permanent rubber adhesive that has been designed to exceed requirements for emergency egress and other safety standards.

APPLICATION
Jessup Glo Brite® 7550-HT is designed for indoor safety applications such as safety signage in building, 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) 0.004 inch (0.102 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	 110 oz/in (120 N/100 mm) 120 oz/in (131 N/100 mm) 90 oz/in (99 N/100 mm) 110 oz/in (120 N/100mm) 70 oz/in (77 N/100 mm) 90 oz/in (99 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	 < 3 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.*

PROPERTIES

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 NYC RS 6-1	 146 mcd/m2 23 mcd/m2 1200 min. to 0.3 mcd/m2 BR: 52-12-8
Luminous Compliance	DIN 67510, ASTM 2072, ISO 15370, EU marine Equipment Directive, IMO Resolution A. 752 (18), PSPA Class C, JIS Z9100, NYC RS6-1, UL 1994 Listed	
Service Temperature High	14 days at 220°F	Not Recommended 125°F max. service
Low	14 days at -20°F	No visible effects
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 Intermittent Contact Only 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. Customers who desire specific performance data should contact Jessup Manufacturing Company for further recommendations.

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 for specific applications.