

## Technical Data Sheet



JESSUP 7535 Glo Brite®

**INNOVA**  
solutions

TDS number: 7535  
Effective Date: 01/01/2013

### DESCRIPTION

Jessup 7535 Glo Brite® is a thin gauge safety grade flexible photoluminescent tape coated with a permanent acrylic adhesive with a Satin / Matt HD print receptive surface layer. It has been designed to exceed requirements for emergency egress and other safety standards.

### APPLICATIONS

Jessup 7535 Glo Brite® is designed for safety applications such as safety signage in building, marine, rail, and military applications.

### PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	NOMINAL RESULTS
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.007 inch (0.178 mm) 0.002 inch (0.051 mm) 0.006 inch (0.152 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	  48 oz/in (52 N/100 mm) 70 oz/in (80 N/100 mm)  40 oz/in (44 N/100 mm) 48 oz/in (52 N/100mm)  35 oz/in (38 N/100 mm) 38 oz/in (42 N/100 mm)
Shear Adhesion to:  - Stainless Steel	PSTC - 107  1/2" x 1/2" x 1000g	  1 hours
Tack	PSTC - 6 Rolling Ball Tack	< 2 inches

**PROPERTIES (Continued)**

PHYSICAL PROPERTIES	TEST METHODS	NOMINAL RESULTS
Luminous Values	DIN 67510 / ASTM 2072 (Xe lamp 1000Lx / 5 min) 10 min (Xe lamp 1000Lx / 5 min) 60 min	119mcd/m <sup>2</sup> 12.4mcd/ m <sup>2</sup>
Luminous Compliance	DIN 67510, ASTM 2072, ISO 15370, EU marine Equipment Directive, IMO RES A. 752 (18), PSPA class B	
Service Temperature High	14 days at 100°F	Not Recommended 150°F max. service
Low	14 days at -30°F	No Visible effects

*Color and lot variances of coated surfaces including paints, powder coatings, lacquers, stains, and other treatments*

CHEMICAL PROPERTIES	REAGENT	RECOMMENDATION
Solvent Resistance <i>(Product laminated to stainless steel panel and allowed to condition for 24hrs 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 1 hour at room temperature then reagent is removed and product is immediately tested for scrape resistances, delaminating, and other visual effects.)</i>	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 Recommended Intermittent Contact Only Intermittent Contact Only Intermittent Contact Only Recommended Recommended Not Recommended Recommended Recommended

*may vary the performance of the tape and should be evaluated for the compatibility of the tape to the specific surface.*

**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.