



## Technical Data Sheet

### JESSUP #7760 Glo Brite®

TDS number: 7760  
Effective Date: 2/1/2012

#### DESCRIPTION

Jessup 7760 Glo Brite® is a tamper-resistant, semi-cured, safety grade, flexible, photoluminescent tape coated with a high performance permanent acrylic adhesive that has been designed to exceed requirements for emergency egress and other safety standards in lower lighting conditions.

#### APPLICATIONS

Jessup 7760 Glo Brite® is designed for indoor safety applications such as handrail and hazard marking tapes that are to remain permanently.

#### PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.008 inch (0.203 mm) 0.002 inch (0.051 mm) 0.006 inch (0.152 mm)
Peel Adhesion to:	PSTC – 101	
- Stainless Steel	15 minute dwell 24 hour dwell	155 oz/in (170 N/100 mm) 190 oz/in (210 N/100 mm)
- Powder coated surfaces *	15 minute dwell 24 hour dwell	150 oz/in (165 N/100 mm) 160 oz/in (175 N/100mm)
- Polyethylene	15 minute dwell 24 hour dwell	110 oz/in (122 N/100 mm) 150 oz/in (165 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

## PROPERTIES (Continued)

PHYSICAL PROPERTIES	TEST METHODS	NOMINAL RESULTS
Luminous Values	DIN 67510 / ASTM 2072 (Xe lamp 1000Lx / 5 min) 5 min (Xe lamp 1000Lx / 5 min) 60 min  Fluorescent 5 foot-candle / 1 hr 90 min Fluorescent 2 foot-candle / 2 hr 90 min Fluorescent 1 foot-candle / 1 hr 90 min	350 mcd/m <sup>2</sup> 27.5 mcd/m <sup>2</sup>  13.0 mcd/m <sup>2</sup> 10.0 mcd/m <sup>2</sup> 6.0 mcd/m <sup>2</sup>
Luminous Compliance	DIN 67510, ASTM 2072, ISO 15370, EU marine Equipment Directive, IMO RES A. 752 (18), PSPA class C, JIS Z9100, NYC RS6-1, IBC,	
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
<u>Solvent Resistance</u> <i>(Product laminated to stainless steel panel and allowed to condition for 24 hrs 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 Recommended Intermittent Contact Only Intermittent Contact Only Recommended Recommended Recommended Recommended Not Recommended Recommended Recommended

\* 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.

**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. This product is recommended to be stored in its sealed packaging at 72° F at 50% RH. It is recommended to be used within 6 months from the date of shipment if stored at the recommended conditions.