



Glo Brite® Safety Track® 3450  
Issue Date: 11/1/2015 Version 1.2

**DESCRIPTION**

Jessup Glo Brite® Safety Track® 3450 is a safety grade photoluminescent non-skid 46 grit tape coated with an aggressive pressure sensitive adhesive. It has been designed to exceed requirements for emergency egress and other safety standards.

**APPLICATION**

Jessup Glo Brite® Safety Track® 3450 is designed for indoor safety applications such as egress markings in building, marine, rail, and military applications.

**PROPERTIES**

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.019 inch (0.483 mm) 0.002 inch (0.051 mm) 0.007 inch (0.178 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	  90 oz/in (99 N/100 mm) 110 oz/in (120 N/100 mm)  80 oz/in (88 N/100 mm) 85 oz/in (93 N/100 mm)  55 oz/in (60 N/100 mm) 65 oz/in (71 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	146 mcd/m <sup>2</sup> 23 mcd/m <sup>2</sup>
Coefficient of Friction (Kinetic)	ASTM D1894 Dry Rubber Wet Rubber Dry Leather Wet Leather	0.9 0.9 0.8 1.3
Luminous Compliance	DIN 67510, ASTM 2072, ISO 15370, MEA# 235-05-M, IMO Res. A. 752 (18), PSPA Class C	
Service Temperature High	14 days at 220°F	No visible effects
Low	14 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 Diesel Fuel Hydraulic Fluid 50% Antifreeze in water MEK Mineral Spirits 99% IPA	Recommended Recommended Recommended Not Recommended Intermittent Contact Only Intermittent Contact Only 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. Jessup Manufacturing 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**

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 of information in this document to any specific applications.