

# Glo Brite® 7825 Rigid Matte

Issue Date: 6/1/2016 Version 1.2

## DESCRIPTION

Jessup Rigid Matte Glo Brite® 7825 is a high performance, safety grade, rigid photoluminescent vinyl that has been designed to exceed requirements for emergency egress and other safety standards.

## APPLICATION

Jessup Rigid Matte Glo Brite® 7825 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	0.075 inch (1.90 mm)
Luminous Values	DIN 67510 / ASTM 2072 (Xe lamp 1000Lx / 5 min) 10 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	725 mcd/m2 94 mcd/m2 3000 min to 0.3 mcd/m2  26.3 mcd/m2 22.0 mcd/m2 9.0 mcd/m2
Luminous Compliance	DIN 67510, ASTM 2072	
Service Temperature		
High	14 days at 220°F	No visible effects, moderate shrinkage and elasticity.
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 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.)</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

## PROPERTIES

**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.