

Glo Brite® 7812

Issue Date: 6/1/2016 Version 1.2

DESCRIPTION

Jessup Glo Brite® 7812 is a safety grade, flexible photoluminescent vinyl that has been designed for low light level emergency egress (IFC) and other safety standards including APTA SS-PS-002-98 (Rev.3); APTA SS-PS-004-99 (Rev.2); and 2009/2012/2015 IBC/IFC Requirements. The product is offered both with and without adhesive coating.

APPLICATION

Jessup Glo Brite® 7812 is designed for indoor safety and egress marking tapes and signage.

PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.017 inch (0.430 mm) 0.002 inch (0.051 mm) 0.005 inch (0.127 mm)
Peel Adhesion to:	PSTC – 101	
- Stainless Steel	15 minute dwell 24 hour dwell	80 oz/in (88 N/100 mm) 100 oz/in (110 N/100 mm)
- Powder coated surfaces *	15 minute dwell 24 hour dwell	65 oz/in (72 N/100 mm) 75 oz/in (82 N/100mm)
- Polyethylene	15 minute dwell 24 hour dwell	35 oz/in (39 N/100 mm) 40 oz/in (44 N/100 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	300 mcd/m2 38 mcd/m2 2400 min to 0.3 mcd/m2 19.0 mcd/m2 15.0 mcd/m2 8.5 mcd/m2

* 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 Compliance	DIN 67510, ASTM 2072; 2009/2012/2015 IBC/IFC; UL 1994 APTA SS-PS-002-98 (Rev.3); APTA SS-PS-004-99 (Rev.2); PSPA Class A, B, C, D	
Service Temperature High	14 days at 220°F	No visible effects, moderate shrinkage and elasticity.
Low	14 days at -20°F	No visible effects

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.