



Durable Print Solutions

ReGLO Photoluminescent

Technical data

February 2021

Product description

A thin gauge safety grade flexible photoluminescent film coated with a permanent acrylic adhesive and has a matte HD print receptive surface layer. It has been designed to exceed requirements for life safety, emergency egress, and other safety standards.

APPLICATION

Designed for indoor safety applications such as fire safety and egress signage in buildings, marine, rail, and military applications.

Colours

Low green natural state.

Technical information:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.178 mm 0.051 mm 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	 96 oz/in (105 N/100 mm) 110 oz/in (120 N/100 mm) 80 oz/in (88 N/100 mm) 90 oz/in (100 N/100mm) 70 oz/in (77 N/100 mm) 80 oz/in (88 N/100 mm)
Shear Adhesion to: - Stainless Steel	PSTC – 107 1/2" x 1/2" x 1000g	 5 hours
Tack	PSTC - 6 Rolling Ball Tack	< 3 inches

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	110 mcd/m2 10 mcd/m2 900 min to 0.3 mcd/m2
Luminous Compliance	DIN67510, ASTM 2072, ISO15370, IMO RES A.752(18), PSPA Class B CID A-A-59752	
Service Temperature High	14 days at 220°F	Not Recommended 150°F max. service
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 Recommended Intermittent Contact Only Intermittent Contact Only Intermittent Contact Only Recommended Recommended Not Recommended Recommended Recommended

Shelf Life

To obtain optimal performance, use this product within two years of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.

Warranty

All Rebo BV statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Rebo BV products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes.



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