

## PERFORMANCE SPECIFICATIONS FOR DURASTRIPE GLOW SIGNS

### PROPERTIES

PHYSICAL PROPERTIES	TEST METHODS	NOMINAL RESULTS
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.007 inch (0.178 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	96 oz./in (105 N/100 mm) 110 oz./in (120 N/100 mm)
- Powder coated surfaces *	15 minute dwell 24 hour dwell	80 oz./in (88 N/100 mm) 90 oz./in (100 N/100mm)
- Polyethylene	15 minute dwell 24 hour dwell	70 oz./in (77 N/100 mm) 80 oz./in (88 N/100 mm)
Shear Adhesion to:	PSTC – 107	
- Stainless Steel	1/2" x 1/2" x 1000g	5 hours
Tack	PSTC - 6 Rolling Ball Tack	< 3 inches
Luminous Values	DIN 67510 / ASTM 2072 (Xe lamp 1000Lx / 5 min) 10 min (Xe lamp 1000Lx / 5 min) 60 min	55.0 mcd/m <sup>2</sup> 8.0 mcd/ m <sup>2</sup>
Luminous Compliance	DIN67510, ASTM 2072, ISO15370, IMO RES A.752(18), PSPA Class B	
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> <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 Not Recommended Recommended Intermittent Contact Only Intermittent Contact Only Intermittent Contact Only 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.