



**PV-40HA Photoluminescent Fire Retardant Vinyl**  
**Issue Date: 7/1/2022 REV. 2.2**

**DESCRIPTION**

PV-40HA 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 IBC Requirements. *NOTE: This Product **will not** Adhere or Bond to Zero VOC Paint Surfaces*

**APPLICATION**

PV-40HA is designed for both Indoor & Outdoor Safety and Egress Marking Tapes and Safety & Egress 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:  - 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	  80 oz/in (88 N/100 mm) 100 oz/in (110 N/100 mm)  65 oz/in (72 N/100 mm) 75 oz/in (82 N/100mm)  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)      5 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	  657 mcd/m2 43.9 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, APTA rev 3, 2009 IBC	
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.

## WARRANTY

The determination of the suitability of this product for any specific use is solely the responsibility of the user. Allureglow USA makes no representations, guarantees or warranties of any kind are made to the accuracy or suitability for specific applications. Always Perform an Application Test Prior to Any Production or Installation.