

TELGLOW Photoluminescent Self Adhesive Vinyl

TELGLOW Photoluminescent Self Adhesive Vinyl is a glow in the dark sheet product formulated to meet current Photoluminescent Safety Products Association (PSPA) guidelines. The material incorporates specialist non-toxic, non-radioactive luminous pigments that absorb ambient light, releasing it slowly when the light source is removed. The fine matt surface is ideal for both digital and silk screen printing techniques whilst the acrylic adhesive offers excellent tack making TELGLOW Photoluminescent Vinyl an excellent choice for safety signage in both marine and land market areas.

Afterglow Performance

When tested to DIN 67510-1 the standard TELGLOW Photoluminescent product surpasses PSPA Class B criteria whilst for more demanding requirements an enhanced version that meets PSPA Class C is available.

	Tested to DIN 67510-1 (5mins @ 1000 lux)		
Decay Time	10 min /mcd/m ²	60min /mcd/m ²	Decay Time to 0.32 mcd/m ²
PSPA Class B	50	7	> 900 mins
PSPA Class C	140	20	> 1800 mins

Compliance Data

TELGLOW Photoluminescent Vinyl product is compliant with many industry standards, some of which are highlighted below.

	TELGLOW Photoluminescent B	TELGLOW Photoluminescent C
DIN 67510-4	•	•
ASTM 2072	•	•
ISO15370	•	•
IMO Resolution A.752 (18)	•	•
PSPA Class B	•	•
PSPA Class C	X	•

Flammability

When adhered to a 1.3mm thick aluminium substrate, all grades of TELGLOW Photoluminescent Self Adhesive Vinyl fulfil the requirements of Class K1 according to DIN 53 438-2 and therefore meet burning Class S1 according to DIN 5510-2:2009-05 - Preventative fire protection in railway vehicles.

The information contained in this document is correct to the best of our knowledge but results may vary depending on the conditions under which the material is used and consequently recommendations are made without warranty or guarantee.

Availability

TELGLOW Photoluminescent Vinyl is available in standard 605mm x 50m rolls.

Chemical Resistance

Chemical resistance is good but contact with esters, ethers, chlorinated hydrocarbons, aromatic compounds and some concentrated inorganic acids should be avoided. For more detailed information please contact the Telegan Pressed Products technical department.

Cleaning

Cleaning is best carried out with dilute soap or detergent solution before being rinsed thoroughly using fresh water. Proprietary cleaners should be avoided as they may contain solvents or abrasives which could damage the material surface.

Shelf Life

Material should be stored in a cool, dry environment between 5-25°C.

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