

## Technical Datasheet - Glow In The Dark Stickers

### Vinyl - Glow In The Dark

Polymeric cast white satin PVC film with phosphorous elements

Film thickness: 125 micron (0.125mm)

Adhesive type: Grey permanent pressure-sensitive solvent-based acrylic adhesive

Release liner: 135gsm White PE-coated kraft paper

Shelf life: 2 years, out of direct sunlight at 10-20°C and 50% humidity

Thickness vinyl (DIN53370) = 125 micron

Thickness vinyl + adhesive + release liner (DIN53370) = 295 micron

Elongation at break (production length) (DIN53455) = >150%

Elongation at break (cross) (DIN53455) = >150%

Dimensional stability (Finat 14) = <0.5mm

Adhesion strength after 20 minutes (Finat 1) = 17 N/25mm

Adhesion strength after 24 hours (Finat 1) = 20 N/25mm

Quickstick (Finat 9) = 14N

Glow intensity (DIN67510-1) after 10 min : 45 mcd/m<sup>2</sup>

Glow intensity (DIN67510-1) after 60 min : 6 mcd/m<sup>2</sup>

Glow intensity (DIN67510-1) after 640 min : 0 mcd/m<sup>2</sup>

Max. outdoor life span (unprinted) = Up to 3 years

Temperature range during application = +5°C up to +40°C

Temperature range at use = -15°C up to +90°C

Flammability if applied on aluminium, glass, steel = Self-extinguishing