



GlowEfx™ Photoluminescent Film

PRODUCT DESCRIPTION

Coated with a permanent pressure sensitive acrylic adhesive, GlowEfx™ photoluminescent film exhibits good adhesion to a wide variety of smooth, flat substrates. Exposure to artificial light or sunlight rapidly charges the glow-in-the-dark vinyl film. When the lights go out, GlowEfx™ emits a bright greenish glow, visible to the dark adapted eye **for up to an hour**. Coated with an easy to apply, repositionable permanent modified acrylic adhesive. Ideal for interior labels, decorations and novelty items. Its unique adhesive system allows for easier handling and repositioning of the film during application. Designed for CPSIA compliance, GlowEfx™ is eco-friendly and child-safe. It is lead-free and phthalate-free. Its phosphors are derived from natural rare earth minerals, which are non-toxic and non-radioactive.

Adhesive	Modified Acrylic
Color	Soft white
Caliper, Face film + adhesive	213 micron (8.5 mils)
Adhesion	Adhesion to stainless steel (15 minute dwell) – 24 oz.
Glow Brightness	10 minutes: 25mcd/m ² 60 minutes: 3.0mcd/m ²
Dimensional stability	Good. Minimal shrinkage.
Shelf life. Stored at 22°C (72°F)/50-55 % RH	6 months (Store in its original packaging on end or rolls should be suspended)
Application Temperature	16°C to 32°C; (60°F to 90°F)

FEATURES & BENEFITS

- **Extended glow life** is ideally suited for interior labels and novelty items.
- **Eco-Friendly & Child Safe:** Designed for CPSIA Compliance. Lead free. Phthalate free. Non-toxic and non-radioactive.
- **Easy Application** to flat, smooth surfaces, such as sign blanks and painted drywall.
- **Printable** using screen print, digital print (solvent, ecosolvent, latex & UV) and offset inks formulated for pressure sensitive vinyl films. User should determine the suitability of the film prior to use in production.
- **Durability.** Up to 5 years away from direct sunlight.
- Does not serve as *self-illuminating* emergency signage in accordance with State & Federal regulations. Use as "auxiliary" signage *with* regulated emergency markings.

APPLICATIONS

- Signs, labels & decals;
- Home décor: decorations for walls and ceilings;
- Trim for bikes, toys, sporting goods, rainwear and novelties.

Important Notice: All RTape products are subject to continuous quality control throughout the manufacturing process and are warranted to be free from manufacturing defects. RTape stands behind its products and will replace or credit any defective material. Because RTape products are used for a variety of applications, the purchaser is responsible for determining the suitability and performance of this product for their specific purpose, prior to use and the purchaser shall assume all risks regarding such use.

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