

ImagePerfect™ 2570

Photoluminescent

ImagePerfect™ 2570 is a printable luminous film for glow-in-the-dark markings and safety signage. It has been specially created for digital printing on large-format inkjet printers and is suitable for printing with eco solvent and solvent inks as well as UV-cured inks.

ImagePerfect™ 2570 Photoluminescent is a printable luminous film that absorbs UV light and emits a strong after-glow in the dark, once the light source has been removed. It can be used for identification markings and symbols and for safety signage and emergency signage. Such applications would include the location marking of emergency equipment (including fire extinguishers), danger areas, barriers and obstacle markings, slip hazard warnings, perimeter demarcation lines and exits (as a part of safety way guidance systems). This product is ideal for indoor application in many types of building, including educational establishments, retail locations, office blocks, factories, transport hubs, hotels, sports arenas, concert venues, museums and art galleries, and will be broadly used within the aviation, marine and rail industries. IP 2570 will also be used for less critical applications, such as promotional items and novelty, glow-in-the-dark items. It offers high print quality with remarkable text definition and vibrant area in-fills. It can be kiss cut and die cut on plotters, using a 60° tangential blade. Alternatively, a 60° swivel blade can be substituted for simple shapes. Plotter speed should be slowed to 50%. Small shapes may be difficult to weed; the user should determine sizes appropriate to the design of the graphic. The film is non-toxic, it does not carry an electronic charge and it does not include radioactive pigments. Under PSPA classification, IP 2570 would be rated as Class B (DIN 67510).

Attention: Please make sure the printed IP 2570 is completely dry before further processing. Before the IP 2570 is applied, the surface should be completely cleaned. The use of IP Surface Cleaner (MIP1000) and the lint-free, IP Surface Cleaning Cloths (MMS8373) is a good match component cleaning solution to ensure that the surface is dry and free of dust and grease. Due to the numerous factors associated with the manufacturing and handling of the product and the physical properties of the surface, we would recommend a test to confirm suitability between media, printer/ink and surface before full application takes place. IP 2570 is not recommended for latex inks. Compatibility of environment (unprinted): conforms to EN71-3 (heavy metal migration)

Specifications	
Description	Photoluminescent film
Colour	Yellow-green satin
Thickness	270mym
Weight	N/A
Adhesive	Solvent based acrylic, permanent
Adhesive Strength	15N/25mm (Finat TM 1/24h)
Release Paper	PE-coated kraft paper, 140g/m ²
Temperature Range	-30°C to +80°C
Durability (unprinted)	5 years
Flame Retardancy	B1
Luminance Norm	DIN 67510: 1000 lux for 5 minutes - After 10min 99 mcd/sqm - After 60min 14 mcd/sqm
Classification	PSPA Class B with a maximum exposure of >900 minutes
Shelf Life	2 years, 20°C / 50% humidity

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For more information about ImagePerfect please visit www.imageperfect.com

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