

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.

## IP 2570

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. This product is ideal for indoor and outdoor 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. This product 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.

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.

Specifications	
DESCRIPTION	Photoluminescent film
COLOUR	Yellow-green satin
THICKNESS	270µ
WEIGHT	N/A
ADHESIVE	Solvent based acrylic, permanent
ADHESIVE STRENGTH	15N / 25mm (Finat TM 1/24h)
RELEASE PAPER	PE-coated kraft paper, 140g/m <sup>2</sup>
TEMPERATURE RANGE	N/A
DURABILITY (UNPRINTED)	5 years
FLAME RETARDANCY	B1
LUMINANCE NORM	DIN 67510: After 10min 99 mcd/sqm - After 60min 14 mcd/sqm
SHELF LIFE	2 years, 22°C / 50% humidity
RECOMMENDATION	For optimum quality, please ensure that the media feed adjustment has been completed for this material

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Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material for its specific use. All technical data are subject to change.

The durability is based on mid European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the graphics. For instance, exterior performance will be decreased in the case of signs facing south, in areas of long high temperature exposure such as southern European countries, in industrially polluted areas or in areas of high altitude. Also, for horizontal applications, exterior performance will decrease.

The print media should be completely dry before further processing, such as cutting, laminating, varnishing or application, or the residual solvents can otherwise change the specific features of the product. This will be a minimum of 48 hours. To ensure the best possible outcome, the match-component ImagePerfect™ profile should be used with the relevant ImagePerfect™ media.