

ImagePerfect™ 2520PA is a white gloss cast vinyl incorporating Spandex's PerfectApply technology and a repositionable, permanent, grey solvent-based adhesive. This material meets the highest durability requirements and is an excellent product for vehicle wraps and many other 3D applications. 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 and latex inks.

IP 2520PA

ImagePerfect™ 2520PA White Gloss Cast Vinyl is a premium cast vinyl that is intended for indoor and long-term outdoor applications, such as markings and decorations, vehicle graphics and complete vehicle wraps and many other 3D applications. It incorporates Spandex's PerfectApply technology to increase repositionability and to facilitate bubble-free application. It features non-migrating plasticizers and UV stabilizers, thereby ensuring long-term outdoor durability. It promotes high levels of print quality with remarkable text definition and a large colour gamut to ensure colourful images with vibrant area in-fills. It is equipped with a backing paper that offers excellent lay flat properties. Due to its grey adhesive, IP 2520PA also offers excellent opacity.

Attention: Please make sure the printed IP 2520PA is completely dry before laminating and applying. Before the IP 2520PA 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. The use of acetone as an additional surface cleaner is also recommended, particularly in the case of low-energy surfaces, such as coated car glass, or on any complex body shapes (incorporating concave surfaces). In order to ensure the best results, this product should be dry applied. When the material has been applied into convex or concave contours and is thereby subject to deformation, it is then imperative that post-heating is carried out. As such, heat up the vinyl evenly over the contours at a temperature of 100°C. For best results, use an infrared thermometer for accuracy (SAP Code: MIPIR360) or the heat gun and temperature scanner kit (SAP Code: MSTHG2120ESET). Laminate: IP 2800-100 or IP 2800-200 (both for 3D-application), IP 2800-101, IP 2830-101, IP 2830-102.

Specifications

DESCRIPTION	Cast vinyl
COLOUR	White gloss
THICKNESS	50μ
WEIGHT	N/A
ADHESIVE	Solvent based adhesive, permanent, grey
ADHESIVE STRENGTH	14.8N / 25mm (Finat TM 1/24h)
RELEASE PAPER	PE-coated silicone paper, 140g/m²
TEMPERATURE RANGE	-30°C to +90°C
DURABILITY (UNPRINTED)	10 years
FLAME RETARDANCY	B1
SHELF LIFE	2 years, 20°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. To ensure the best possible outcome, the match-component ImagePerfect™ profile should be used with the relevant ImagePerfect™ media.