

Product Description

This perforated one-way vision film is suitable for advertising applications on buildings or vehicle windows (limitations apply) maintaining visibility from the inside to the outside. It has 40% open area and 1.5mm perforations, and is the original Panorama 1540 product. It has a satin white print surface and black on the adhesive side. The product can be removed cleanly up to 6 months after application. Overlaminating is recommended to maintain visibility in wet weather. Not recommended for application to polycarbonate.

Application and Overlaminating Guidelines

Laminate before applying to the window. Apply the product dry to the window. On flat glass use MetaGuard 600 optically clear laminate. On glass with double curvature use MetaGuard 670 cast laminate. Overlaminating can cause optical imperfections due to the uneven entrapment of air under the film, which is unavoidable. Extra care should be taken when applying to cold glass where initial tack will be low, and where the film is heavily printed as retained solvents from the printing process affect the media. Allow 24-48 hours after printing and before application or overlaminating. Ensure the laminate overlaps the Clear Vision at the edges.

Regulations

Do not apply to the front side windows or windscreen. Refer to the legislation in the country in which it is being used before installation. In the UK, the Department of Transport Road Vehicle Regulation 33 states that if visibility is restricted to the rear mirror then two side mirrors must be correctly fitted and functional. In so far as the product is interpreted as window tinting film then it is covered by Regulation 32, whereby the rear side and rear windows are exempt under ECE Directive.

Material Processing and Handling

To achieve the highest possible print quality please ensure that the correct profile is used. Most profiles are available and can be downloaded from www.metamark.co.uk. To avoid potential printing problems, always ensure that the material has reached room temperature and a relative humidity of 50% before printing. It is imperative that the printer is set up correctly and that the correct profile and heater settings are used. Do not handle the face film directly and ensure it is free from dust and static. For a comprehensive list of printers compatible with Clear Vision Digital Vinyl refer to the website. Solvents from the printing process may initially cause the vinyl to soften and may initially reduce the strength of the adhesive, so after printing leave 24 hours before applying the material and for the adhesive to regain full strength.

Face Film

Face Film	Black / white PVC
Gauge	145 micron nominal
Perforation size	1.5mm hole diameter 40% 'open' area
Dimensional stability	Good

Adhesive

Type	Removable clear pressure sensitive solvent-based acrylic. Can be removed cleanly for up to 6 months.
Application temperature	+12°C to +32°C
Service temperature	-17°C to +50°C

Release Liner

Weight	135gsm, Type
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Finishes

Finish Available	MD-CV White gloss
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Durability

Shelf Life	1 year
Fire Rating	M1 and B1 certified.
External weathering	2 years, unprinted. Refer to ink manufacturer for durability of the finished product.

Warranty: Metamark (UK) Limited warrants to its customers that graphics produced using Metamark Digital Vinyl will remain in good condition without excessive fading or colour degradation for the specified life time of the ink used, when correctly stored, printed and applied in accordance with procedures outlined in the technical literature. If within the specified years of normal use Metamark Digital Vinyl becomes ineffective for its intended use, then Metamark will provide sufficient material to produce a new replacement marking, and will at its own discretion, contribute an allowance in additional material towards the costs involved in replacing the graphics. In all cases, the converter is held fully responsible for storing, processing and applying the unconverted materials in accordance with Metamark's technical specifications. Metamark (UK) Limited will not be liable for any indirect or consequential loss or damage, and will not provide any allowance against improper usage, application accident, negligence, chemical damage or improper repair.

Please Note: The above data is given in good faith to provide an indication of the performance of the product. Purchasers should consider the suitability of each product for its intended use and the purchaser assumes all risks in connection with such use. Seller shall not be liable for damages in excess of the purchase price of the product nor for incidental nor consequential loss.