

Product Description

Metamark MD7 features a highly conformable cast film with a repositionable pressure sensitive solvent-based adhesive, and is suitable for printers using solvent inks. The high quality film, release paper and adhesive, combined with Metamark's distinctive coating technology produces a product that provides outstanding print performance.

Typical Applications

MD7 is suitable for vehicle wrapping applications, application to compound curves, corrugations and rivets and offers excellent dimensional stability. The repositionable pressure sensitive adhesive provides excellent ease of application particularly for applying large prints. The grey pigment provides increased opacity and is solvent-based so eliminates problems of milky residue during wet application.

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 MD7 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	Cast PVC
Gauge	53 micron nominal
Tensile Strength	≥ 0.8kg/cm (eq.19.6N/ 25mm)
Elongation at break	150% MD nominal

Adhesive

Type	Repositionable pressure sensitive solvent-based acrylic. White product is supplied with a grey adhesive.
Adhesion after 15 mins	≥ 0.45kg/cm PSTC-1 (eq. 11N/25mm)
Perceived tack	Medium
Application temperature	+4°C to 38°C for flat surfaces, +15°C to 38°C for corrugations, channels, rivets
Service temperature	-40°C to +79°C

Release Liners

Print	Unprinted
Weight	140 gsm nominal
Type	Advanced specially treated layflat kraft paper

Finishes

Finishes Available	MD7-100	White Gloss
	MD7-105	Clear Gloss

Roll Presentation

Roll sizes and net weights	760mm x 45m	10kg
	1370mm* x 45m	18kg
	1520mm x 45m	20kg
Presentation	Face film outwards, on a 76mm core.	

*Also available reverse wound on castellated core for Arizona 90/180 printers

Durability

Shelf Life	2 years
Fire Rating	Self-extinguishing. The fire rating is a function of the substrate.
External weathering	7 years. *This refers to the unprinted vinyl when installed. Refer to ink manufacturer for durability of the finished product.

MD: Machine direction, TD: Transverse direction

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.