

Metamark MD7

Conformable Cast Vehicle Wrap Vinyl



Product Description

Metamark MD7 is a professional vehicle wrap vinyl, featuring the latest generation repositionable adhesive. It has a highly conformable Cast vinyl film. The re-formulated adhesive allows ease of application, and with correct application provides trouble-free adhesion into recesses for a professional application. The high quality film produces outstanding print performance for printers using solvent, eco solvent and latex inks. It is suitable for vehicle wrapping applications, compound curves, corrugations and rivets and offers excellent dimensional stability. The solvent-based adhesive is grey on the white version.

Printing and Handling

- Suitable for use on Solvent, Eco Solvent and Latex inkjet printers. Always perform a test print first.
- Ensure that the correct profiles and heater settings are used. Most profiles are available for download from www.metamark.co.uk.
- Ensure that the material has reached room temperature and a relative humidity of 50% before printing.
- Do not handle the face film directly and ensure it is free from dust and static.

Overlaminating

- Overlaminating is recommended to prevent abrasion and to extend colour fastness, and makes application easier.
- Allow the inks to cure before overlaminating, this is usually 24-48 hours.
- The matched laminate for MD7 is MetaGuard 900. For all other laminates the user should determine suitability.

Application

- Allow the inks to cure before application, this is usually 24-48 hours.
- Successful vehicle wrap application requires the necessary techniques. Refer to www.metamark.co.uk for application guidelines.
- Apply dry to ensure best adhesion. Use gentle heat to allow conformability. Do not overstretch as this will cause the application to fail.
- After application 'superheat' the film into recesses at 90-95°C.
- The user should determine suitability of substrate.

Face Film

Face Film	Cast PVC
Gauge	53 micron nominal
Tensile Strength	≥ 1.25kg/cm (eq.19.6N/ 25mm)
Elongation at break	150% MD nominal

Adhesive

Type	Repositionable solvent-based acrylic. MD7-100 has a grey adhesive.
Adhesion after 15 mins	≥ 0.45kg/cm PSTC-1 (eq. 11N/25mm)
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	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.	

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.
Regulations	REACH compliant

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