

Metamark MDP-R

100 micron Removable Promotional Grade Vinyl



Product Description

MDP-R has been developed for short term promotional graphics including point of sale, retail and exhibition. It is suitable for application on high energy surfaces such as steel and glass, and can be removed cleanly for up to 6 months after application, and has a removable grey adhesive giving enhanced opacity. MDP-R has a 100 micron film with bright white finish for high colour definition prints on Solvent, Eco Solvent, Latex and UV inkjet printers.

Handling and Printing Guidelines

- 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.
- Suitable for use on Solvent, Eco Solvent, UV and Latex 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.

Overlaminating

- Overlaminating is recommended to prevent abrasion and to extend colour fastness.
- Allow the inks to cure before overlaminating, this is usually 24-48 hours.
- The matched laminate for MDP-R is MetaGuard 305 or 302. For all other laminates the user should determine suitability.

Application

- Allow the inks to cure before cutting or overlaminating, usually 24-48 hours. Perform cut path as separate operation to avoid edge curl.
- Not recommended for use on low energy surfaces. The user should determine suitability of substrate, refer to the web site.
- Refer to www.metamark.co.uk for application guidelines.

Face Film

Face Film: Monomeric calendered PVC
Gauge: 100 micron nominal

Adhesive

Type: Removable Grey solvent-based acrylic
Weight: 20gsm nominal
Adhesion to glass 20 mins: 4N/25mm nominal
Adhesion to glass 24 hour: 6N/25mm nominal
Perceived tack: Medium
Application temperature: +10°C to +50°C
Service temperature: -30°C to +110°C

Release Liner

Weight: 140 gsm nominal
Type: Kraft liner

Finishes

Finishes Available: MDP-R-100 White Gloss
MDP-R-101M White Matt

Roll Presentation

Roll sizes and net weights: 760mm x 50m 11kg
1370mm x 50m 20kg
1600mm x 50m 24kg
Presentation: Face film outwards, on a 76mm core.

Durability

Shelf Life: 1 year
Fire Rating: Self-extinguishing. The fire rating is a function of the substrate.
External weathering: 4 years. Removable up to 6 months. This refers to the unprinted vinyl when installed. Refer to ink manufacturer for durability of the finished product.
Chemical Resistance: Unprinted film resistant to mineral oils, fats and fuels, aliphatic solvents, mild acids, salt and alkali, eg. diesel oil, gasoline, paraffin, hydraulic oil, antifreeze.
Regulations: REACH and RoHS compliant

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