MetaGrab® MD5-UB

High Performance Digital Media with Ultra Tack Adhesive

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METAMARK The Materials Company

Product Description

Metamark MD5 Series with the MetaGrab® adhesive system offers a very high tack, offering an ideal solution for rough, textured, and difficult to stick to surfaces. Applications include walls and floor décor onto sealed plastered, concrete, or floors. It is also suitable for textured low energy plastics. MD5-UB is part of the extensive range of MD5 print media benefiting from Metamark's unique coating technology, providing best in class print quality. Metamark MD5-UB is compatible with Solvent, Eco Solvent, Latex and UV printers. The 70 micron film has a grey opaque adhesive and is offered in white gloss or matt. The unprinted film is durable up to 7 years outdoor.

Features & Benefits

- MetaGrab® Ultra Tack adhesive.
- For sealed textured, walls, floor, plastics, and difficult to adhere to surfaces.
- Solvent, Eco Solvent, Latex and UV Compatible.
- Matched laminate is MetaGuard 700.
- Up to 7 years external durability unprinted.
- EN13501 Class B D2 S0 Fire classification.

Face Film

Face Film	Polymeric Calendered Vinyl
Gauge (ISO 2286-3)	70 micron nominal
Tensile Strength	47N/25mm MD / 43N/25mm TD nom.
Elongation at break	180% MD nominal

Adhesive

Type		Ultra tack permanent grey solvent-based acrylic
Adhesion Glass	20 min	21 N/25mm nominal
	24 hour	22N/25mm nominal
Adhesion Steel	20 min	15 N/25mm nominal
(Stainless)	24 hour	26 N/25mm nominal
Perceived tack		High
Application temperature		+10°C to +50°C
Service temperature		-30°C to +100°C

Release Liner

Print	'Metamark Digital Vinyl' grey print
Weight	140 gsm nominal
Type	Layflat kraft with PE coating

Finishes

Finishes Available	MD5-UB-100	White Gloss
	MD5-UB-101M	White Matt

Roll Presentation

Roll Widths	1.37m / 1.60m
Roll Lengths	50m / 25m

Durability

Shelf Life	2 years. (10-20°C and 50% R.H).
External weathering	7 years (Unprinted). Northern European conditions, vertical. Refer to full Metamark International durability guide.
Fire Rating	Class B - BS EN 13501-1:2007
Chemical Resistance	Unprinted film resistant to mild acids, aliphatic solvents, salt and alkali, diesel, gasoline, paraffin, hydraulic oil, antifreeze.
Regulations	REACH and RoHS Compliant.

Printing and Handling

- Always perform a test print first. Ensure that the correct profiles and heater settings are used. Refer to 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, ensure free from dust and static.
- Overlamination is recommended to prevent abrasion, extends colour fastness, and also offers easier handling.
- The matched laminate for MD5UB is MetaGuard MG-700 Series.

Application

- Allow a minimum of 24-48 hours for the solvents to dry off before application of the overlaminate, or to the substrate, depending on the print and drying conditions this can often be in excess of 48 hours. Retained solvents will reduce adhesion levels.
- Apply unstressed, in particular to curves and recesses.
- It is not suitable for application over rivets or complex recesses.
- Suitable for wet or dry application.
- The user should determine suitability of substrate.

MetaSure Warranty

Metamark (UK) Limited warrants to its customers that graphics produced using Metamark Media and Overlaminates 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 Media and Overlaminates 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. 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.

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Metamark MD5-UB has been developed with our MetaGrab® adhesive system, offering a very high tack providing an ideal solution for rough, textured, and difficult to stick to surfaces. Applications include walls and floor décor onto sealed plastered and concrete. It is also suitable for textured low energy plastics.

MD5-UB is part of the extensive range of MD5 print media benefiting from Metamark's unique coating technology, providing best in class print quality.

Performance you can trust

METAMARK
The Materials Company

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High Performance Digital Media with Ultra Tack Adhesive

Application Examples

See our Metamark MD5-UB in action!

Specifications

Metamark MD5-UB

Face Film	70 Micron Polymeric Calendered Film
Adhesive	Ultra Tack Permanent Grey Solvent-Based Acrylic
Liner	140gsm Layflat PE Kraft Liner
Durability	7 Years[1]. Shelf life 2 years
Fire Rating	Class B. BS EN 13501-1:2007
Printing	Solvent / Eco-Solvent / Latex / UV inks
Regulations	REACH & RoHS Compliant
Finishes	White Gloss (MD5-UB-100) / White Matt (MD5-UB-101M)
Roll Widths	1370mm / 1600mm
Roll Lengths	50m

For full product information, application guides and technical support, visit www.metamark.co.uk.

For all pricing and sales enquiries contact us at:
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[1]Zone 1 - for other regions and climates in regards to material external weathering, please refer to our full Durability Guide found on our website. All information stated is correct at time of creation.

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