

MetaCast® MCX

Premium Cast Automotive Colour Change Wrap Film



Product Description

MetaCast® MCX is a premium automotive colour change film, offering wrap professionals the ultimate performance for full vehicle wraps. MetaCast® MCX has a colour range specified to include contemporary colours, on brand colours, and a number of Metamark Inspire Colours™ developed to reproduce OEM paint colours. The advanced premium cast film is combined with MetaGlide® air release technology. MetaGlide® has a micro channel air release system giving an optimal performance with enhanced repositionability and high adhesive strength. This gives total confidence when fitting into 3D channels and recesses. It is backed by our MetaSure warranty.

Features & Benefits

- Automotive Colour Change Wrap.
- Premium cast highly conformable 100 micron film.
- MetaGlide® repositionable air release technology.
- Metamark Inspire Colours™ developed to reproduce OEM paint colours.
- Grey pigmented opaque adhesive.
- Up to 12 years external durability.

Face Film		Finishes	
Face Film	Cast Vinyl	Finishes Available	Range of Gloss and Matt colours
Gauge (ISO 2286-3)	100 micron nominal	Roll Presentation	
Elongation at break	190% MD nominal	Roll Widths	1.52m Matt / 1.525m Gloss
Adhesive		Durability	
Type	MetaGlide® Micro Channel Grey Solvent-Based Adhesive.	Shelf Life	2 years. (10-20°C and 50% R.H).
Adhesion to glass 20 mins	11N/25mm nominal	External weathering	12 years for black and white, 10 years for colours and 5 years for metallic; in vertical exposure under northern European conditions (Zone 1).
Adhesion to glass 24 hour	13N/25mm nominal	Fire Rating	Self-extinguishing. The fire rating is a function of the substrate.
Application temperature	+10°C to +40°C	Chemical Resistance	Resistant to mineral oils, fats and fuels, aliphatic solvents, mild acids, salt and alkali for e.g. diesel oil, gasoline, paraffin, hydraulic oil, antifreeze, soap suds etc.
Service temperature	-30°C to +110°C	Regulations	REACH & RoHS compliant
Release Liner			
Print	'MetaGlide' print		
Weight	140 gsm nominal		
Type	Structured micro channel PE layflat		

Application

- Successful vehicle wrap application requires the necessary techniques. Refer to www.metamark.co.uk for application guidelines.
- Use a dry application method.
- Use gentle heat to allow conformability.
- After application 'superheat' the film into recesses at 90-95°C.
- Do not overstretch as this will cause the application to fail.
- Metallic and Matt versions should be applied in the same direction.
- Suitable for plotter use also for contour and vinyl lettering.
- It is advised to contact insurers when changing the colour of the vehicle.
- The user should determine suitability of the vehicle.

MetaSure® Warranty

Metamark (UK) Limited warrants to its customers that its films are manufactured to be free of material defect, and will meet the specified lifetime of the product, when correctly stored, processed, and installed in accordance with procedures outlined in the technical literature. If within the specified years of normal use MetaCast® films become 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.

For more information contact your local Ball & Doggett representative on
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