

myMEDIA 5645 Ultraclear Guard

Product Description

myMEDIA 5645 Ultraclear Guard is a PVC-free, transparent, crystal-clear, high-gloss polyester film and has been developed for the lamination of perforated window films. It not only protects the print, but also ensures a visually good and ultra-clear view through the holes. When applied, it is very stable and prevents the so-called golf ball effect, as it does not deform into the recesses. The laminate is very dimensionally stable and therefore ideal for flat glass. Due to the lamination, there is a much better view as the holes do not get dirty and raindrops cannot collect in the holes and hinder them. In addition, perforated One Way Vision films are more stable due to the lamination and can be removed in one piece without tearing. The laminate comes with General Type Approval (ABG) in combination with myMEDIA 1674 One Way Green Traffic. Stickers can be ordered with the product if required. The product can also be used to give other prints a high-gloss finish.

Physical Characteristics

Front material	Polyester	
Thickness / Weight	38 µm	
Colour / Finish	Highly transparent, glossy	
Adhesive	Polyacrylate adhesive, permanent, transparent	
Liner	Siliconised PET film, 23 µm	
Durability	Up to 2 years outdoor	
Application temperature	>= +10°C	
Temperature range	-30°C to +70°C	
Adhesion after 24h	9 N/25 mm	FINAT FTM 1
Dimensional stability	< 1 mm shrinkage	FINAT FTM 14
ABG	D 5765 (laminated on myMEDIA 1674 One Way GreenTraffic)	

Storage

Shelf life	Up to 1,5 years if stored in original packaging
Storage conditions	+18°C to +25°C at 50 - 55% relative humidity
Storage notice	Remove the roll from the laminator after each use and store in the original sealed packaging.

Printing Method

Compatible inks	Not recommended
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Processing and converting

Lamination	Cold
Laminating temperature	+15°C to +35°C
Laminating speed	0 to 2 m/min.

Notice for One Way Vision foils

Follow the detailed instructions on processing, pre-cleaning, application, use on vehicles, cleaning and care in the technical instructions TB 1.16 Notes on myMEDIA One Way Vision films.

Advantages and features

- Comes with General Type Approval (ABG)
- PVC-free
- Ultra clear laminate with 38 µm thickness
- For flat applications
- Excellent see-through with perforated window films
- High gloss level
- Outstanding dimensional stability
- No measurable shrinkage
- Great moisture resistance
- Good adhesion to UV inks
- Excellent price-performance ratio

Applications

- More environmentally friendly solution compared to PVC films
- Vehicle advertising
- Public transport
- One Way Vision Applications
- High quality image protection indoor and outdoor
- Brilliant images
- Ultra clear applications
- High gloss prints
- Lamination of UV prints

Important Notice

Information on physical and chemical characteristics is based upon tests, practical knowledge and experience. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Because of the variety of uses and applications, the purchasers should independently determine, prior to use, the suitability of this material to their specific use and carefully consider the suitability and performance of the product. The purchaser shall assume all risks for any use and application of the material. All specifications and technical data are subject to change without prior notice, errors and omissions expected. All warranty matters are regulated by our general terms and conditions.