

myMEDIA 1674 One Way GreenTraffic

Product Description

myMEDIA 1674 One Way GreenTraffic is a PVC-free, perforated polyester film, white matt with black backing, and 70% printable area with a transparent, removable adhesive. It has been specially developed as an environmentally friendly alternative to PVC for short and medium term advertising graphics on flat glass panels in public transport, such as buses, trams, subways and is also used on shop windows, POS, airport graphics, building glass walls or other transparent glass advertising media where light should pass easily to the back. The image is visible from the outside on the front, while the perforated black backing allows light to pass through to the inside, providing good visibility from the inside to the outside. The special PE-coated dual liner allows excellent flatness, stability and due to the special design, perfect printability with Latex, Eco-Solvent, Solvent and UV-curable inks, since the inks remain inside the holes while the open area remains free for perfect see-through. The film comes with General Type Approval (ABG) in combination with the optically clear myMEDIA 5645 Ultraclear Guard laminating film. Stickers can be ordered with the film if required.

Physical Characteristics

Front material	Polyester film, PVC-free	
Perforation	1,5 mm hole size, 70% print area	
Thickness / Weight	100 µm	
Colour / Finish	Print side white matt, back side black	
Adhesive	Polyacrylate, transparent, removable	
Liner	Double-sided PE-coated kraft paper, 180g	
Durability	Up to 1 year unprinted (vertical exposure, climate zone 1)	
Application temperature	>= +10°C	
Temperature range	-30°C to +60°C	
Adhesion after 24h	4,5 N/25 mm (average)	Finat FTM 1 (on stainless steel)
Dimensional stability	<= 1,0 mm shrinkage	Finat FTM 14
ABG	D 5765 (laminated with myMEDIA 5645 Ultraclear Guard)	

Storage

Shelf life	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 printer after each use and store in the original sealed packaging.

Removability

Removability period	Up to 6 months
Substrate and surface	The properties and conditions of the substrate are essential for the removability! The surface has to be consistent with a high cohesiveness. Certain substances could interact with each other e.g. diffusion of plasticizers, or fumigation of solvents or flowing gas. This could cause the adhesion to increase from removable self-adhesive products and impedes a residue free removal of the film. The following surfaces could be affected from the above mentioned reciprocal effects: - ABS - Acrylic Glass - Freshly painted areas and varnish - Nitro Lacquer - Polycarbonate - Polystyrene - Various PVC
Removability conditions	>= 20°C (surrounding AND surface temperature)

Printing Method

Compatible inks	Latex, Eco-Solvent, Solvent, UV- curable
Drying	The digital print must be ABSOLUTELY DRY! The drying of the printed medium is strongly dependent on the amount of solvent applied (ink application), therefore sufficiently long drying times must be taken into account. When printing the material in a roll-to-roll process, the printed web must be unrolled and laid out flat again as quickly as possible until final drying in order to achieve the best drying results. We recommend drying the material for at least 24 hours in an unrolled state before further processing. If this is not possible, place the roll upright and very loosely wound on an air-permeable (grid) floor to ensure air circulation. Insufficient drying (solvent residues, rewetting, etc.) can lead to blocking in the rolled state and subsequently to unrolling, shrinkage and insufficient adhesion, which are not covered by the warranty. Therefore, the drying must be checked by practical methods, such as tesa test (optimally with cross cut), grip test, abrasion test and odour test, before further processing, lamination or application.

Processing and converting

Recommended surfaces	Flat surfaces, not suitable for 3D applications Substrate must be dry and free of dust and grease
Application method	Dry application only
Edge protection	To ensure outdoor durability, the edges must be protected with a laminate strip to prevent liquids from penetrating and protect against mechanical damage.
Lamination	Before lamination, the print must be completely dry. Cold lamination. Roller temperature <= 30°C, lamination without tension
Recommended laminates	myMEDIA 5645 Ultraclear Guard

Cleaning

High pressure cleaning	High pressure cleaning equipment are not recommended for cleaning. The Edges could lift up and/or an existing overlamine could crack in the hole areas.
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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.

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Advantages and features

- Comes with General Type Approval (ABG)
- PVC-free PET film
- Clear see-through and no dirty holes with UV-curable inks
- Suitable for flat applications
- Extraordinary print quality
- Outstanding dimensional stability
- Suitable for outdoor use up to 1 year
- Removability up to 6 months
- Excellent price/performance ratio
- For Latex, Eco-Solvent, Solvent and UV-curable inks

Applications

- More environmentally friendly solution compared to PVC films
- Vehicle advertising
- Public transport
- In- and outdoor applications
- Shop windows
- Glass walls of buildings
- Glass facades
- Architectural applications
- Transparent glass advertising media

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.