

Product Description

myMEDIA 1641 One Way HQ is a perforated PVC film, matt white with a black backing, with a printable area of 60% and a transparent, removable adhesive. It is designed for short- and medium-term advertising graphics on shop windows, airport graphics, subway windows, building glass walls or other transparent advertising media made of glass, which should allow the light to pass easily to the rear. After printing on the front, the image becomes visible from the outside, while the perforated black back allows the light to pass through inwards, allowing a good view from the inside to the outside. The special PE-coated dual liner enables excellent flatness, stability and, thanks to the special design, perfect printability with Latex and UV-curing inks, as the colours only remain in the holes and the open area remains free for perfect transparency. The product offers as well excellent printability with eco-solvent and solvent inks. In the case of residues after removal, the transparent adhesive offers a very good cleaning option of the window compared to black adhesives on the market. Overlamination with the optically clear myMEDIA 5625 Ultraclear PolyGuard laminating film is recommended to achieve the best transparency with the protection against abrasion and better removability.

Physical Characteristics

Front material	Perforated PVC film, calendered	
Perforation	1,5 mm hole size, 60% printing area	
Thickness / Weight	150 µm	
Colour / Finish	White gloss print side, black backside	
Adhesive	Solvent based polyacrylate, transparent, removable	
Liner	PE coated perforated Dual-Liner, 138 g/m ²	
Durability	Up to 2 years unprinted (vertical exposure, climate zone 1)	
Application temperature	>= +10°C	
Temperature range	-30°C to +60°C	
Adhesion after 24h	5,5 N/25 mm	Finat FTM 1 (on stainless steel)
Dimensional stability	<= 1,0 mm shrinkage	Finat FTM 14

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 sealed original packaging.

Removability

Removability	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: <ul style="list-style-type: none"> - 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	HP Latex, Eco-Solvent, Solvent, UV-curable
Drying	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	Cold lamination Roller temperature <= 30°C, lamination without tension
Recommended laminates	myMEDIA 5625 Ultraclear PolyGuard

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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Instructions for One Way Vision films

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

Advantages and features

- Clear open area when printed with Latex/UV-curable inks
- Outstanding print quality
- Very good flatness
- Great dimension stability
- Outdoor use up to 2 years
- Clean removability up to 6 months
- Excellent price-performance ratio
- Suitable for Latex, Eco-Solvent, Solvent and UV-curable inks

Applications

- Indoor and outdoor applications
- Shop windows
- Even surfaces from glass
- Glass walls of buildings
- Glass facades

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.