

myMEDIA 1420 Ecological Film WGP

Product Description

myMEDIA 1420 Ecological Film WGP is a white, glossy, PVC-free, self-adhesive polypropylene film for use on flat and smooth substrates. The film is equipped with a transparent, permanent adhesive on a solvent-free basis. The double-sided PE coating of the backing paper gives the product great stability, especially when printing. The film can be printed excellently with Latex and UV-curable inks and meets fire protection norm EN 13501-1.

Physical Characteristics

Front material	Polypropylen	
Thickness / Weight	66 µm / 60 g/m ²	
Colour / Finish	White, glossy	
Adhesive	Solvent-free acrylic adhesive, transparent, permanent	
Liner	Double-sided PE-coated special silicone paper, 135 g/m ²	
Durability	Unprinted up to 4 years (vertical exposure, climate zone 1)	
Application temperature	>= +10°C	
Temperature range	-10°C to +70°C	
Adhesion after 24h	12 N/25 mm	FINAT FTM 1
Dimensional stability	Max 0,05 mm schrinkage	FINAT FTM 14
Fire behaviour	B1	EN 13501-1

Printing Method

Compatible inks	HP Latex, 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.

Storage

Shelflife	Up to 1 year in unopened original packaging
Storage conditions	+20°C to +22°C at 50-55% relative humidity
Storage notice	Remove the roll from the printer after each use and store in the original sealed packaging.

Processing and converting

Recommended surfaces	Flat and smooth surfaces. Preliminary tests are required for flat plastics, as the substrates may outgas (bubble formation) and residue-free removability is almost impossible. The substrate must be dry and free of dust and grease.
Lamination	Complete drying of the print is required before lamination. Cold lamination Roller temperature $\leq 30^{\circ}\text{C}$, laminate stress-free
Application method	Dry application
Recommended laminates	myMEDIA 5460 Greenline Laminate Gloss myMEDIA 5461 Greenline Laminate Matt

Advantages and features

- PVC-free film
- B1 flame retardant according to EN 13501
- Solvent-free adhesive
- Easy bonding
- High stability due to special PE-coated silicone paper on both sides
- Outstanding print quality
- Excellent dimensional stability
- Suitable for smooth substrates
- Latex and UV-curable inks

Applications

- Sustainable prints
- Large format in- and outdoor applications
- Shop window advertising
- Vehicle advertising, fixed bodies
- Company signs, information boards
- Shop decoration, POS
- Advertising stickers
- Trade fairs & events

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.