

Product Description

myMEDIA 1361 Monovinyl WGR is a white gloss, self-adhesive, monomeric plasticized, calendered vinyl for flat and very slightly curved surfaces. The film is provided with a clear, removable adhesive. It can be printed excellent with Latex, Eco-Solvent, Solvent und UV-curable inks and offers a very big colour gamut.

Physical Characteristics

Front material	Monomeric plasticized calendered PVC film	
Thickness / Weight	100 µm	
Colour / Finish	White, gloss	
Adhesive	Acrylic Dispersion, removable	
Liner	One-sided siliconized clay-coated release paper, 135 g/m ²	
Durability	Up to 4 years unprinted (vertical exposure, climate zone 1)	
Application temperature	>= +10°C	
Temperature range	-40°C to +80°C	
Adhesion after 24h	6,2 N/25 mm	Finat FTM 1 (on stainless steel)
Dimensional stability	<0,4 mm shrinkage	Finat FTM 14
Tensile strength	> 20 MPa (machine direction)	DIN EN ISO 527
	> 20 MPa (cross direction)	
Elongation	> 160 % (machine direction)	DIN EN ISO 527
	> 180 % (cross direction)	
Fire behaviour	B1	DIN 4102-1 (on stainless steel)

Storage

Shelf life	2 years if stored in original packaging
Storage conditions	+20°C to +22°C and 50 - 55% relative humidity

Printing Method

Compatible inks	HP Latex, Eco-Solvent, Solvent, UV-curable
Drying	<p>The digital print must be ABSOLUTELY DRY!</p> <p>We recommend to dry for at least 48 hours prior to further processing in unwounded condition. If this is not possible the roll should be dried loosely winded in upright position on an air permeable (grid) floor to ensure air circulation. Insufficient drying may result in curling, shrinkage and insufficient adhesion which excludes any warranty. Therefore the drying has to be checked with practical methods like Tesatest (optimal with cross section), grab test, abrasion test and/or smell test prior to further processing and application.</p>

Removability

Removability	Up to 1 year
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	$\geq 20^{\circ}\text{C}$ (surrounding and surface temperature)

Processing and converting

Recommended surfaces	Flat to very slightly curved, not suitable for 3D applications Substrate must be dry and free of dust and grease
Application method	Dry application recommended
Lamination	Cold lamination Roller temperature $\leq 30^{\circ}\text{C}$, lamination without tension
Recommended laminates	myMEDIA 5380 MonoLam Gloss, myMEDIA 5381 MonoLam Matt myMEDIA 5574 Textured Laminate, myMEDIA 5574 FloorLam Premium

Advantages and features

- B1 fire retardancy according to DIN 4102-1
- outstanding print quality
- very good flatness
- excellent dimension stability
- outdoor use up to 4 years
- removability up to 1 year
- excellent price-performance ratio

Applications

- large sized indoor and outdoor applications
- Fleet advertisement on Trucks
- Interior & exterior signs
- Public transport
- Shop decoration, window advertisement, POS
- Fairs & events
- Public buildings
- Floor graphics (in combination with suitable laminates)
- Sticker

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.