

Product Description

myMEDIA 1300 QuickDot Clear Gloss is a clear gloss, self-adhesive, monomeric plasticized, calendered vinyl with a special dot-shaped clear adhesive for flat surfaces. The adhesive is coated in dots to make the material easier to handle, reposition and apply without any bubbles during the application process. Due to the dot shaped adhesive there is a slightly surface texture. It can be printed excellent with Latex, Eco-Solvent, Solvent und UV-curable inks. Because of to the increased UV radiation when printing with UV-curable inks, the PVC film may become brittle prematurely. Own tests are necessarily recommended! Ideal printing media for prints which are applied in store chains by own employees without appearing bubbles or wrinkles. The material can be easily removed from nearly all substrates. Wet application by assistance of water is not recommended. The material can also be used outdoor in short term but must be protected from water to avoid that water can occur under the film.

Physical Characteristics

Front material	Monomeric plasticized calendered PVC film	
Thickness / Weight	100 µm	
Colour / Finish	Clear, gloss	
Adhesive	Dot-shaped acrylic dispersion, clear	
Liner	PE-coated release paper, 145 g/m ²	
Durability	Up to 2 years Indoor, short term Outdoor	
Application temperature	+18°C to +25°C	
Temperature range	-30°C to +50°C	
Adhesion after 10 min.	1 N/25 mm	AFERA 4001 (on stainless steel)
Adhesion after 24h	1,5 N/25 mm	AFERA 4001 (on stainless steel)
Elongation	>217% / >196% (machine / cross direction)	DIN EN ISO 527-3
Tear resistance	>30 / >23 N/mm ² (machine / cross direction)	DIN EN ISO 527-3
Fire behaviour	Self-extinguishing	

Storage

Shelf life	1 year if stored in original packaging
Storage conditions	+18°C to +25°C and 50 - 60% relative humidity

Printing Method

Compatible inks	HP Latex, Eco-Solvent, Solvent, UV-curable
Printing hint	Low amounts of light colours are recommended to reach the best printing results.
Drying	The digital print must be ABSOLUTELY DRY! 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.

Removability

Substrate and surface	<p>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:</p> <ul style="list-style-type: none"> - ABS - Acrylic Glass - Freshly painted areas and varnish - Nitro Lacquer - Polycarbonate - Polystyrene - Various PVC
Removability conditions	+18°C to +25°C (surrounding and surface temperature)
Removability instructions	<ul style="list-style-type: none"> - Possibly arising adhesive residues can be removed with help of denatured alcohol. - The removing of the film from heated surfaces (e.g. shop windows, steel surfaces, etc.) is not recommended, otherwise the adhesive may completely stay on the surface. In such cases we recommend cooling down the material and the surface before removing.

Processing and converting

Recommended surfaces	<p>Flat to very slightly curved, not suitable for 3D applications</p> <p>Substrate must be dry and free of dust and grease</p>
Application method	Dry application recommended
Application instruction	Stretching should be minimized as much as possible to prevent excessive shrinking.
Lamination	Not recommended

Advantages and features

- very fast and easy application due to the dot technology
- unproblematic bubble-free and wrinkle-free applications
- removable from nearly all substrates
- outstanding print quality
- very good flatness
- excellent price-performance ratio
- mirror-inverted printing possible for inside mounted window

Applications

- projects with the need of easy application
- short term indoor applications
- fairs & events
- sales campaigns
- large sized graphics
- window advertisement
- POS

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.