

myMEDIA 1309 QuickDot Clear Gloss

Product Description

myMEDIA 1300 QuickDot Clear Gloss is a clear gloss, self-adhesive 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 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. This material is easy to remove from most surfaces and must not be applied wet. For short-term outdoor use, it can only be used in weather-protected outdoor areas (e.g., under large-area roofing) so that water cannot penetrate the film and do not affect residue-free removal. Complies with fire behaviour class B1 according to DIN 4102-1.

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 1 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	FINAT FTM 1 (on stainless steel)
Adhesion after 24h	1,5 N/25 mm	FINAT FTM 1 (on stainless steel)
Elongation	>215% / >195% (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	B1	DIN 4102-1

Storage

Shelf life	1 year if stored in original packaging
Storage conditions	+18°C to +25°C and 50 - 60% relative humidity
Storage notice	Standing storage in the original carton is recommended. Edge shrinkage can occur with soft PVC films during storage.

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! 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.

Removability

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	+18°C to +25°C (surrounding AND surface temperature)
Removability instructions	- Possibly arising adhesive residue caused by UV radiation or high temperatures can be easily removed with denatured alcohol (check the substrate for suitability beforehand). - Slow removal of the film minimizes the risk of adhesive residue, with a maximum speed of 5 cm per second. - 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	Flat to very slightly curved, not suitable for 3D applications. Substrate must be dry and free of dust and grease.
Application method	Only suitable for dry application!
Application instruction	Stretching should be minimized as much as possible to prevent excessive shrinking.
Outdoor application	Outdoor use is only possible in weather-protected areas without wetness. Water must not be penetrated underneath the film.
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.