

myMEDIA 1210 PolyVinyl CMP

Product Description

myMEDIA 1200 Polyvinyl CMP is a clear matt, self-adhesive, polymeric plasticized, calendered vinyl for flat and slightly curved surfaces. The film is provided with a clear permanent, solvent-based adhesive. It can be printed excellent with Latex, Eco-Solvent, Solvent und UV-curable inks and offers a very wide colour range. This film can be applied dry or wet (especially for window applications). In addition, myMEDIA 1200 PolyVinyl CMP is used as a glossy laminate for printing films of the myMEDIA 1200 Polyvinyl series.

Physical Characteristics

Front material	Polymeric plasticized calendered PVC film	
Thickness / Weight	75 µm	
Colour / Finish	Clear, matt	
Adhesive	Solvent Acrylic, permanent	
Liner	Two-sided PE-coated release paper, 145 g/m ²	
Durability	Up to 5 years unprinted (vertical exposure, climate zone 1)	
Application temperature	>= +10°C	
Temperature range	-40°C to +90°C	
Adhesion after 24h	18,8 N/25 mm	Finat FTM 1 (on stainless steel)
Dimensional stability	<0,2 mm shrinkage	Finat FTM 14
Tensile strength	> 20 MPa (machine direction) > 20 MPa (cross direction)	DIN EN ISO 527
Elongation	> 160 % (machine direction) > 180 % (cross direction)	DIN EN ISO 527
Fire behaviour	Self-extinguishing	

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	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.

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Processing and converting

Recommended surfaces	Flat to slightly curved, not suitable for 3D applications Substrate must be dry and free of dust and grease
Application method	Dry application or wet application
Lamination	Cold lamination Roller temperature $\leq 30^{\circ}\text{C}$, lamination without tension
Recommended laminates	myMEDIA 1200 PolyVinyl Gloss, myMEDIA 1210 PolyVinyl Matt

Advantages and features

- Printing film and laminate in one product
- Outstanding print quality
- Very good flatness
- Excellent dimension stability
- Outdoor use up to 5 years
- Excellent price-performance ratio

Applications

- Large sized indoor and outdoor applications
- Fleet advertisement on Trucks
- Durable company signs and applications
- Interior & exterior signs
- Shop decoration, window advertisement, POS
- Fairs & events
- Durable stickers

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.