POLI-PRINT 1080
White Gloss UP

Technical Data

Carrier::	Polymeric PVC film, highly stabilized, calendered	
Thickness:	100 µ	(ISO 4593)
Adhesive:	Clear Solvent Acrylic, ultra pernament	
Adhesion:	> 10 N/cm	(AFERA 5001)
Dimensional stability:	Shrinkage < 1,0 mm	(Finat FTM 14)
Liner:	two-sided PE-coated Silicone paper (143 g/m²)	
Tensile strength md:	> 24 MPa	(DIN EN ISO 527)
Elongation cd:	> 180 %	(DIN EN ISO 527)
Application temperature:	-1 °C – +30 °C	
Temperature resistance:	- 54 °C – +107 °C	
Outdoor resistance:	7 years (unprinted material, vertical outdoor exposure, central European normal climate)	

Safety Data Sheet

When used under normal conditions, this product does not generate or release any dangerous substances or hazardous chemicals. This is a non-hazardous product in accordance with the current GefStoffV and EU criteria. Therefore it is not necessary to prepare a Material Safety Data Sheet for this product. The Safety Data Sheet serves only to comply with the regulation to supply information in accordance with REACH Regulation (EC) No. 1907/2006 (REACH) and is available on request. This product is not a hazardous product with regards to transportation legislation; neither does it contain substances that are hazardous to water within the meaning of the federal water act. After use, dispose of the waste product in accordance with the local / national authorities.

The following technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of material and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material.

General Product Information

- POLI-PRINT 1080 White Gloss UP is a Polymeric PVC film (white glossy, 100μ)

- Laminated with a two-sided PE-coated silicone paper (143 g/m^2), equipped with a very aggressive sticking transparent solvent acrylic adhesive (ultra-permanent)

- Especially suitable for adhesion on structured, rough and difficult surfaces as well as on low energy substrates like polyolefin

- The film is resistant against any chemical impact from solvent inks during the printing process and guarantees a very good printing result with all commercially available ECO-Solvent, Solvent and UV printers

Application and Printing instructions

- All solvents which have emerged during the printing process must be completely evaporated before proceeding to process the material otherwise the possibility of disproportional shrinkage could occur due to the aggressiveness of the adhesive

- Furthermore, special attention should be given to ensuring that the surface which is to be laminated is completely clean and free of any dust.

- Walls, tiles and concrete should be cleaned with a high pressure washer beforehand and in addition the ground should be completely sealed to avoid any dust collecting under the film. Any humidity from the application surface can also have a negative influence on the adhesive

- An external heat source as well as a soft roller should be used to achieve optimal resistance. After the PVC film starts to become slightly soft it should be applied to the wall with a squeegee roller until it is completely smooth on the wall

- If bonding to plastic then the surface should be roughened with sandpaper to obtain a higher adhesion

Additional details

- The print must be completely dry before laminating and it is recommended to dry the print for at least 48 hours

- Due to the high strength of the adhesive, the film, together with the adhesive should be heated (for instance with a hot air blower) and evenly removed off at a flat angle. As recommended in the "application instructions" the recommendation to seal the area helps with a clean removal of the adhesive

- Please visit our internet homepage **www.poli-tape.de** for numerous ICC-Profiles for detailed printer adjustments

- Additional suggestions can be downloaded from our homepage from the listed application instructions