



POLI-CAST 2001 White Gloss PG Air Free

Technical Data

Carrier:	Cast PVC film, multilayered, grey dyed single-sided	
Thickness:	60 μ	(ISO 4593)
Adhesive:	Clear Solvent Acrylic, permanent / repositionable	
Adhesion:	4,9 N/cm	(Finat FTM 1, after 20 min. on Stainless steel)
Dimensional stability:	Shrinkage < 0,1 mm	(Finat FTM 14)
Liner:	two-sided PE-coated, embossed Silicone paper (141 g/m ²)	
Tensile strength md:	> 20 MPa	(DIN EN ISO 527)
Tensile strength cd:	> 18 MPa	(DIN EN ISO 527)
Elongation md:	> 150 %	(DIN EN ISO 527)
Elongation cd:	> 120 %	(DIN EN ISO 527)
Application temperature:	> + 8 °C	
Temperature durability:	- 48 °C - +100 °C	
Outdoor durability:	Up to 10 years (unprinted material, vertical outdoor exposure)	

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 Gef Stoff V and EU criteria.

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.



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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.



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General Product Information

- POLI-CAST 2001 White Gloss PG Air Free is a cast PVC-Film (white gloss, 60 μ)
- Laminated with a two-sided PE-coated, embossed Silicone paper (141g/m²) and equipped with a clear solvent acrylic adhesive (permanent/repositionable)
- Especially suitable for the use on corrugated areas and on rivets
- POLI-CAST 2001 White Gloss PG Air Free is ideal for mid to long term presentation of advertising panels

Product Advantages

- Very good opacity and flatness characteristics
- Excellent dimensional stability
- No adhesive residues if used appropriate
- Airfree - technology enables a fast, easy and bubble-free application
- The film is resistant to the influence of solvent inks during the printing process and excellent printing results are guaranteed with all customary market ECO - Solvent, Solvent and UV printers
- Designed for full Car Wrapping

Processing Details and Printing Information

- The print must be completely dry before laminating, a minimum of 48 hours drying time is recommended
- The surface which is to be laminated should be free from any impurities to achieve optimal adhesion to the digital printed film

Transport & Storage

- 2 years if stored in original packaging at ca. 22° C and 50-55% relative humidity
- Printed material should be completely dry and protected during transportation
- Temperature and humidity fluctuations should be avoided



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Adelaide
08 8277 7733

Brisbane
07 3808 7277

Gold Coast
07 5593 8288

Melbourne
03 8480 0800

Perth
08 9244 4433

Sydney
02 9832 7000