



COALA 1D AIR FREE GLOSS

Product Information

Monomeric PVC (white gloss, 100 μ) with clear micro-structured solvent acrylic adhesive (permanent), laminated on a two-sided PE-coated embossed silicone paper liner (160 g/m²).

The PVC offers a high dimensional stability and a good opacity.
The special embossed micro-structured adhesive avoids any air bubble and reduces the time required for the application on the substrate.

Designed to be highly resistant to the influence of solvent inks.
Excellent printing results with high resolution and rich colours have been accomplished with ECO-Solvent, Solvent, Latex and UV digital printers.
Particularly suitable for application on flat and slightly curved surfaces. No adhesive residue after removal, if correctly applied

Technical data

Carrier: monomeric PVC, highly stabilized, calendered
Thickness: 100 μ +/- 5 %
Adhesive: clear micro-structured solvent acrylic, permanent
Adhesion: 3.4 N/cm +/- 5%
Liner: two-sided PE-coated silicone paper (160 g/m²)
Application temperature: +10 - +40 °C
Service temperature: - 20 - +50 °C
Outdoor durability: 5-7 years (unprinted film)

Shelf Life

2 years when stored in the original packaging between 20°C and 25°C at 50 % relative humidity.

Recommendations for laminating

Please ensure the print is perfectly dry before laminating.
We suggest to let the material dry for at least 48 hours after printing.
We recommend to use Coala 1D Lam Matt or Coala 1D Lam Gloss for laminating.

Standard Dimensions

1050 mm x 50 m
1370 mm x 50 m
1520 mm x 50 m

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 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.

