



COALA 1D 100 MATT R

Product Information

Monomeric PVC (white matt, 100 μ) with clear acrylic dispersion adhesive (removable), laminated on a one-sided clay-coated silicone paper liner (135 g/m²).

In addition to excellent opacity and flatness, these films offer high dimensional stability.

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

Fire retardant B1

Technical data

Carrier: monomeric PVC, highly stabilized, calendered

Thickness: 100 μ +/- 5 %

Adhesive: clear acrylic dispersion, removable

Adhesion: 2,5 N/cm (Finat FTM 1, after 24 hrs. on Stainless steel)

Dimensional stability: Shrinkage <0.4mm (FINAT FTM 14)

Liner: one-sided clay-coated silicone paper (135 g/m²)

Tensile strength md: > 20 MPa (DIN EN ISO 527)

Tensile strength cd: > 20 MPa (DIN EN ISO 527)

Elongation md: > 160% (DIN EN ISO 527)

Elongation cd: > 180% (DIN EN ISO 527)

Application temperature: >10 °C

Temperature durability: - 40 - +80 °C

Outdoor durability: 4 years (unprinted material, vertical outdoor exposure, central European normal climate)

Shelf Life

2 years when stored in the original packaging between 20°C and 25°C at 50-55 % relative humidity.

Recommendations for laminating

Please ensure the print is perfectly dry before laminating and transporting

We suggest letting the material dry for at least 48 hours after printing.

Temperature and humidity fluctuations should be avoided

We recommend using Coala 1D Lam Matt or Coala 1D Lam Gloss for laminating.

Standard Dimensions

1050 mm x 50 m 1260 mm x 50 m 1372 mm x 50 m 1524 mm x 50 m 1600 mm x 50 m



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. Antalis cannot be responsible for any damage to the printer caused by printing our media.





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.

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