

## MATERIAL DESCRIPTION

Coala 1D Lam Gloss is a 80  $\mu$  transparent gloss monomeric PVC with an ultra clear permanent acrylic dispersion adhesive, laminated on a two-sided clay-coated silicone paper liner (90 g/m<sup>2</sup>). The PVC-film offers an excellent dimensional stability and increases image brightness. Laminating film suitable for the protection of digital prints and images. Due to the resistance to UV and humidity the outdoor durability will be improved. 1D Lam is also a printable transparent film. Particularly suitable for application on flat and slightly curved surfaces. Fire resistant B-s1-d0.

## PRINTER & INK COMPATIBILITY



## PRODUCT DESCRIPTION

- Carrier: monomeric PVC, highly stabilized, calendered
- Thickness: 80  $\mu$  +/- 5 %
- Adhesive: ultra clear acrylic dispersion, permanent
- Adhesion: 6,5 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/m<sup>2</sup>)
- 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

## 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

### SHELF LIFE STORAGE AND CONDITIONS



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

## FILM THICKNESS



## DURABILITY

- 3 years (unprinted material, vertical outdoor exposure, central European normal climate)
- Temperature durability: - 40 - +80 °C

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

