

## MATERIAL DESCRIPTION

Coala 1D 100 HOP is a high opacity 100µm calendered monomeric vinyl available in white matt and white gloss. Suitable for colour intensive and brilliant prints for short to medium term advertisement both indoor and outdoor on flat surfaces. Excellent printing performance on a wide variety of solvent, eco-solvent, latex and UV digital print machines.

## PRINTER & INK COMPATIBILITY



## FEATURES

- Face Film: high opacity monomeric calendered vinyl
- Thickness: 100µm
- Opacity 90%
- Finishes: available in white gloss and white matt
- Adhesive: clear acrylic dispersion, permanent
- Liner: One side clay-coated silicon paper, 135 g/m<sup>2</sup>

## TECHNICAL DETAILS

- Adhesion on steel (after 24 h): > 6,5 N/cm (Finat FTM 1)
- Dimensional Stability : < 0,4 mm (Shrinkage Finat FTM 1)
- 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

- Application temperature: min. +10°C
- End-use temperature range: from -40°C to +80°C

### SHELF LIFE STORAGE AND CONDITIONS



- 1 year under normal conditions +22°C at 50% to 55% relative humidity. Higher humidity and/or temperature can affect the product performance. Always store the media in a dark place in its original packaging.

## FILM THICKNESS

100  
µ

## LINER WEIGHT

135  
g/m<sup>2</sup>

## BENEFITS

- High Opacity due to an interlayer
- High degree of whiteness
- Good dimensional stability and flatness
- Fire rating: Euroclass B,s1-d0 certified

## DURABILITY

- Durability: 4 years outdoor

The estimated durability is based on accelerated ageing tests and refers to a vertical exposure under middle European climates. The durability of the product depends on the substrate's preparation, the atmospheric conditions and the environmental influence. Exposure to extreme conditions (tropical climate, high humidity, high UV-light exposure or polluted areas) can decrease the durability in a dramatically way.



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.