

MATERIAL DESCRIPTION

Coala UV Lam 2D Gloss is a high quality optically brilliant glossy polymeric REACH and RoHS compliant PVC for lamination of various print media. Suitable for long term outdoor and indoor light box applications. Particularly suitable for applications requiring very high clarity. Furthermore this laminate can be used to protect UV printed medias.

FILM THICKNESS

70
μ

PRODUCT DESCRIPTION

- Support: Polymeric PVC-film, 70μm, transparent
- Adhesive: pure polyacrylic, permanent, transparent
- Liner: One side siliconised surface-coated paper, white, 63 g/m²
- Total Thickness: 0,1 mm
- Adhesive weight: 30 g/m²

ENVIRONMENTAL PERFORMANCE

- **Chemical resistance**
 - Conditions: Appearance
 - 24h at room temperature and 4h in propanol: no change
 - 24h at room temperature and 48h in water: no change
- **Temperature resistance**
 - 24h at room temperature and then 24h at 80°C: no change
 - 24h at room temperature and then 24h at 140°C no change
- **Humidity resistance**
 - Conditions: Appearance
 - 24h at room temperature and then 24h at 38°C and 98% humidity: no change

SHELF LIFE STORAGE AND CONDITIONS



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

PRODUCT CHARACTERISTICS

- Adhesion on steel (after 24 h): 11 N / 25mm (AFERA 5001)
- Dimensional Stability MD: < -3 % (FTM 14)
- Dimensional Stability: CD < 1.5 % (FTM 14)
- Gloss Units 60°: ~80 GU (DIN EN ISO 2813)
- Flammability: B1 (DIN 4102)

APPLICATION & DURABILITY

- Durability: 5 years
- Application temperature: min. 8°C
- End-Use temperature range: from -40 to +90°



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.

