

Ri-Lam PET20 anti-graffiti

PRODUCT DESCRIPTION / BENEFITS Ri-Lam PET20 anti-graffiti series is a self-adhesive film for digitally printed images lamination. The optically clear PET film has an external colour stability up to 3 years and a high gloss finish. Ri-Lam PET20 anti-graffiti series is available with 2 permanent solvent-based adhesive, one being compatible with solvent, eco-solvent and latex inks, while the second being also compatible with UV curable inkjet inks. The 30 µm PET liner ensures an optical clarity to the products. All products are REACH & RoHS compliant.

TYPICAL USE

- Short term outdoor & indoor lamination requiring high gloss finish
- Applications requiring graffiti cleanability
- Protect printed media from abrasion and retard colour fading
- Provide homogeneous high gloss finish

CONSTRUCTION

- **Face film:** 20 µm ultra-clear PET film
- **Adhesive:** permanent clear solvent-based acrylic
- **Release liner:** 30µm PET film

Products:
All print tech, except UV: code 03097 - **Ri-Lam PET20 Ultra-Clear Gloss anti-graffiti Perm SB N**
Including UV print: 06452 - **Ri-Lam PET20 Ultra-Clear Gloss anti-graffiti Perm SB - UV Print N**

CONVERTING METHOD To be laminated with a laminator.

APPLICATION METHOD / INSTRUCTIONS FOR USE The printed media to laminate should dry minimum 24h prior to lamination. Laminate without tension on the printed media.

EXPECTED DURABILITY The expected vertical outdoor durability in Central Europe (zone 1) is 3 years. This information is based on real file experience and artificial aging according to ISO 4892-2. Note: Exposure to severe temperature and ultra-violet light will cause a quicker deterioration. This applies also to polluted area, high altitude, horizontal applications, and south-facing exposure.

SHELF LIFE Shelf life is 2 years, when stored at 23 °C and 50 % relative humidity conditions. Higher temperatures and/or humidity levels will reduce product shelf life.

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50PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

Face thickness, without adhesive	20 µm	ISO 534-80
Face thickness, with adhesive	40 µm	ISO 534-80
for UV Print version	45 µm	
Tensile strength (machine direction)	> 50 N/cm	ISO 527
Elongation at break (machine direction)	>100%	ISO 527
Fire resistance on aluminium	Self-extinguishing	ISO 3795:1989
Dimensional stability (1 week @70 °C on glass)	0.2 mm	FTM 14
Initial adhesion on glass (20 minutes)	7 N/25mm	FTM 1
Adhesion on glass (24 hours)	9 N/25mm	FTM 1
Final adhesion on glass (1 week)	10 N/25mm	FTM 1
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
PET liner	30 µm	ISO 534-80
Humidity resistance	No effect	200 hours exposure
Water resistance	No effect	24 hours immersion
Detergent (1% solution)	No effect	24 hours immersion
Isopropyl alcohol / Water (20/80)	No effect	10 minutes immersion

QUALITY CERTIFICATION



DISCLAIMER

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