

## Ri-Lam PET20 anti-graffiti

**PRODUCT DESCRIPTION / BENEFITS** Ri-Lam PET20 anti-graffiti 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 is coated with a permanent solvent-based adhesive compatible with solvent, eco-solvent, latex and UV inkjet inks. The 30 µm PET liner ensures an optical clarity to the product. 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 printing inks code 03097 - **Ri-Lam PET20 Ultra-Clear Gloss anti-graffiti Perm SB 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 life 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.

## Ri-Lam PET20 anti-graffiti

### PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

Face thickness, without adhesive	20 µm	ISO 534-80
Face thickness, with adhesive	45 µm	ISO 534-80
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)	10 N/25mm	FTM 1
Adhesion on glass (24 hours)	14 N/25mm	FTM 1
Final adhesion on glass (1 week)	16 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



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