

Ri-Lam M70 SB - UV print

PRODUCT DESCRIPTION / BENEFITS Ri-Lam M70 SB - UV print series is a self-adhesive film for digitally printed images lamination. The transparent monomeric calendered vinyl face film, UV stabilised, has an external colour stability up to 3 years. The permanent solvent-based adhesive adheres on media printed with solvent, eco-solvent, latex and UV curable inks. The 62 g/m² glassine liner provides a good adhesive smoothness. All products are REACH & RoHS compliant.

TYPICAL USE

- Short term outdoor & indoor lamination film for advertising on Ri-Jet M80 and M100 media
- Protect printed media from abrasion and retard colour fading
- Provide homogeneous matt, satin, gloss finishes

CONSTRUCTION

- **Face film:** 70 µm monomeric calendered vinyl
- **Adhesive:** permanent clear solvent-based acrylic
- **Release liner:** glassine 62 g/m²

Products:

Clear Gloss finish: code 03526 - **Ri-Lam M70 Clear Gloss Perm SB - UV print N**

Clear Matt: 03528 - **Ri-Lam M70 Clear Matt Perm SB - UV Print N**

CONVERTING METHOD Compatible with solvent, eco-solvent, latex and UV inks. 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	70 µm	ISO 534-80
Face thickness, with adhesive	90 µm	ISO 534-80
Tensile strength (machine direction)	> 25 N/cm	ISO 527
Elongation at break (machine direction)	>150%	ISO 527
Fire resistance on aluminium	Self-extinguishing	ISO 3795:1989
Dimensional stability (1 week @70 °C on glass)	0.5 mm	FTM 14
Initial adhesion on glass (20 minutes)	12 N/25mm	FTM 1
Adhesion on glass (24 hours)	15 N/25mm	FTM 1
Final adhesion on glass (1 week)	17 N/25mm	FTM 1
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
glassine	62 g/m ²	ISO 536

QUALITY CERTIFICATION



DISCLAIMER

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