

## Ri-Lam P75 SB

**PRODUCT DESCRIPTION / BENEFITS** Ri-Lam P75 SB series is a self-adhesive film for digitally printed images lamination. The transparent premium polymeric calendered vinyl face film, UV stabilised, has an external colour stability up to 5 years. The permanent solvent-based adhesive adheres on Ri-Jet P75 media printed with solvent, eco-solvent, latex and UV inks. The 85 g/m<sup>2</sup> liner ensures good planarity. All products are REACH & RoHS compliant.

**TYPICAL USE**

- Long term outdoor & indoor lamination film for advertising on Ri-Jet P75 media
- Protect printed media from abrasion and retard colour fading
- Provide homogeneous matt or gloss finishes

**CONSTRUCTION**

- **Face film:** 75 µm polymeric calendered vinyl
- **Adhesive:** permanent clear solvent-based acrylic
- **Release liner:** clay coated kraft paper 85 g/m<sup>2</sup>

**Products:**

Clear Gloss finish: code 13345 - Ri-Lam P75 Clear Gloss Perm SB - UV Print

Clear Matt: 13346 - Ri-Lam P75 Clear Matt Perm SB - UV Print

**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 5 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 P75 SB

### 50PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

Face thickness, without adhesive	75 µm	ISO 534-80
Face thickness, with adhesive	100 µm	ISO 534-80
Tensile strength (machine direction)	> 20 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)	15 N/25mm	FTM 1
Adhesion on glass (24 hours)	18 N/25mm	FTM 1
Final adhesion on glass (1 week)	20 N/25mm	FTM 1
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
clay coated kraft paper	85 g/m <sup>2</sup>	ISO 536
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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