

## 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 and latex inks, but is not suitable for UV print (silvering).

The 135 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 135 g/m<sup>2</sup>

#### Products:

Clear Gloss finish: code 02660 - **Ri-Lam P75 Clear Gloss Perm SB - UV Print**

Clear Matt: 05448 - **Ri-Lam P75 Clear Matt Perm SB - UV Print**

### CONVERTING METHOD

Compatible with solvent, eco-solvent and latex 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 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.

## Ri-Lam P75 SB

### 50PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

Face thickness, without adhesive	75 µm	ISO 534-80
Face thickness, with adhesive	95 µm	ISO 534-80
Tensile strength (machine direction)	> 15 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)	0.2 mm	FTM 14
Initial adhesion on glass (20 minutes)	13 N/25mm	FTM 1
Adhesion on glass (24 hours)	16 N/25mm	FTM 1
Final adhesion on glass (1 week)	18 N/25mm	FTM 1
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
clay coated kraft paper	135 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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