

Ri-Lam P300 Plasticone Ultra-Clear

PRODUCT DESCRIPTION / BENEFITS Ri-Lam P300 Plasticone Ultra-Clear Gloss Perm CB is a self-adhesive film for digitally printed images lamination.

The ultra-clear Polymeric calendered vinyl face film, UV stabilised, has an external colour stability up to 5 years. The permanent solvent-based adhesive adheres on media printed with solvent, eco-solvent, and latex printing and UV curable inks.

The PET liner ensures an excellent clarity to the product.

Product 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, satin, gloss finishes

CONSTRUCTION

- **Face film:** 300 µm ultra-clear polymeric calendered vinyl
- **Adhesive:** permanent ultra-clear solvent-based acrylic
- **Release liner:** 75 µm PET

Products:

Clear Gloss finish: code 07909 - **Ri-Lam Plasticone P300 Ultra-Clear Gloss Perm SB**

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.

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50PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

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|---|-----------------------|---------------|
| Face thickness, without adhesive | 300 µm | ISO 534-80 |
| Face thickness, with adhesive | 325 µm | ISO 534-80 |
| Tensile strength (machine direction) | > 75 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) | 0.5 mm | FTM 14 |
| Initial adhesion on glass (20 minutes) | 13 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 | |
| PET liner | 75 µm | ISO 534-80 |

QUALITY CERTIFICATION



DISCLAIMER

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