

Ri-Mark Translucent

PRODUCT DESCRIPTION Ri-Mark Translucent is the ideal choice for illuminated signage.

/ BENEFITS

The matt translucent polymeric vinyl, UV stabilised, is manufactured in such a way to ensure a uniform colour appearance and have an external colour stability up to 7 years. The very cohesive solvent-based adhesive provides an excellent dimensional stability and water resistance. The kraft liner is designed for trouble-free plotter cutting on a wide variety of computerised sign cutting equipment.

All our products are REACH & RoHS compliant.

TYPICAL USE

- Long term indoor and outdoor illuminate signage.
- Windows graphics

CONSTRUCTION

- **Face film:** 80 µm matt calendered polymeric vinyl
- **Adhesive:** permanent clear solvent-based acrylic
- **Release liner:** clay coated kraft paper 120 g/m²

CONVERTING METHOD

Specially developed for trouble-free plotter cutting on a wide variety of computerised sign cutting equipment.

**APPLICATION METHOD /
INSTRUCTIONS
FOR USE**

Ri-Mark Translucent films are suitable for dry and wet application method.

It is possible to thermoform Ri-Mark Translucent film if applied on acrylic panels.

Application temperature above 10°C, on clean and degreased substrates.

**EXPECTED
DURABILITY**

The expected vertical outdoor durability in Central Europe (zone 1) is:

- 7 years for all colours
- 5 years for metallic films

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 in north hemisphere.

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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PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

Face thickness all colours, without adhesive Translucent 698 Light Stop	80 µm 130 µm	ISO 534-80
Face thickness all colours, with adhesive Translucent 698 Light Stop	100 µm 150 µm	ISO 534-80
Tensile strength (machine direction)	> 14 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	
One side siliconized clay coated paper liner	120 g/m ²	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



DISCLAIMER

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