

## Ri-Mark Etched Glass

**PRODUCT DESCRIPTION / BENEFITS** Ri-Mark Etched Glass series is the ideal choice for windows decoration with etched effect, ensuring privacy and allowing natural light transmission.

The Ri-Mark Etched Glass series is made with polymeric calendered films (PTA), UV stabilised, manufactured in such a way to ensure a uniform matt appearance, with a colour stability up to 7 years for outdoor use and up to 9 years indoor use.

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. Alternatively, the Airflow liner provides an easier product installation. Available in frosted appearance (PTA).

All products are REACH & RoHS compliant.

### TYPICAL USE

- Windows decoration on restaurants, bars, museums, showrooms, ...
- Privacy applications in banks, offices, homes, ...

### CONSTRUCTION

- **Face film:** 80 µm calendered polymeric vinyl (=PTA)
- **Adhesive:** Permanent clear solvent-based acrylic  
Removable clear solvent-based acrylic
- **Release liner:** clay coated kraft paper 120 g/m<sup>2</sup> or  
Airflow liner: micro-embossed PE coated kraft paper 140 g/m<sup>2</sup>.

#### Products:

Polymeric frosted Perm: 03529 - **Ri-Mark Etched Glass PTA Silver Perm SB**  
Polymeric frosted Rem: 05499 - **Ri-Mark Etched Glass PTA Rem SB Airflow N**

**CONVERTING METHOD** Specially developed for trouble-free plotter cutting on a wide variety of computerised sign cutting equipment. Can also be printed with solvent, eco-solvent, latex, and UV inkjet printing presses.

**APPLICATION METHOD / INSTRUCTIONS FOR USE** Wet application method is recommended for products with kraft liner, while dry application is recommended with Airflow liner. Application temperature above 10°C on clean and degreased substrates such as glass and acrylic panels.

## EXPECTED DURABILITY

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

- 7 years for PTA (frosted appearance)

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, without adhesive	80 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)	>120%	ISO 527
Fire resistance on aluminium	Self-extinguishing	ISO 3795:1989
Dimensional stability (1 week @70 °C on glass)		
PTC (cast)	0.1 mm	FTM 14
PTA, PTAS, PTF (polymeric) permanent	0.2 mm	
PTA (polymeric) removable	0.4 mm	
Adhesion on glass (20 minutes) permanent	13 N/25mm	FTM 1
(24 hours)	16 N/25mm	
(1 week)	18 N/25mm	
Adhesion on glass (20 minutes) removable	5 N/25mm	FTM 1
(24 hours)	6 N/25mm	
(1 week)	7 N/25mm	
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
One side siliconized clay coated paper liner	120 g/m <sup>2</sup>	ISO 536
Airflow, micro-embossed PE coated kraft paper	140 g/m <sup>2</sup>	

## QUALITY CERTIFICATION



## DISCLAIMER

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