

Ri-Mark Fluorescent

PRODUCT DESCRIPTION / BENEFITS Ri-Mark Fluorescent is the ideal choice for short term eye-catching promotional signs. The satin fluorescent monomeric vinyl has an external colour stability up to 6 months. The white pigmented water-based adhesive provides a medium dimensional stability. 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

- Short term promotional campaigns
- Indoor and outdoor advertising

CONSTRUCTION

- **Face film:** 100 µm calendered monomeric vinyl
- **Adhesive:** permanent white water-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. Printable by thermal transfer and screen-printing method.

APPLICATION METHOD / INSTRUCTIONS FOR USE Ri-Mark Fluorescent films are suitable for dry and wet application method on flat surfaces. Application temperature above 10°C on clean and degreased substrates. NB: fluorescent pigments could migrate and, in some cases, create ghosting on car paints. We therefore recommend testing the compatibility with car paints.

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

- 3-6 months for all colours

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 1.5 year, 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	100 µm	ISO 534-80
Face thickness, with adhesive	120 µm	ISO 534-80
Tensile strength (machine direction)	> 30 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)	1.0 mm	FTM 14
Initial adhesion on glass (20 minutes)	8 N/25mm	FTM 1
Adhesion on glass (24 hours)	12 N/25mm	FTM 1
Final adhesion on glass (1 week)	14 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

QUALITY CERTIFICATION



DISCLAIMER

Information on physico-chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use. All technical data are subject to change. All Fedrigoni products are sold subject to terms and conditions of sale. For more information, contact your Fedrigoni sales representative. In case of any ambiguities or differences between the English and foreign versions of this document, the English version shall be prevailing and leading.