FEDRIGONI

TECHNICAL DATA SHEET
ISSUE: 1
DATE: 28/04/2025

F-Guard P75 SB

PRODUCT DESCRIPTION / BENEFITS

F-Guard P75 SB series is a self-adhesive film for digitally printed images lamination.
The transparent premium calendered polymeric film, UV stabilised, has an external colour stability up to 7 years. The permanent solvent-based adhesive adheres on F-Print P75 SB printed with solvent, eco-solvent, latex and UV inks. The 85 g/m² liner ensures good planarity.
Product REACH & RoHS compliant.

TYPICAL USE

- Long term outdoor and indoor lamination film for advertisings made with F-Print P75 SB
- Protect printed media from abrasion and retard colour fading
- Provide homogeneous gloss / matt / satin finish

CONSTRUCTION

- **Face film:** 75 µm transparent polymeric vinyl film
- **Adhesive:** permanent transparent solvent-based acrylic
- **Release liner:** clay coated kraft paper 85 g/m²

Products:

Clear gloss finish:	Code 60203 -	**F-Guard P75 Clear Gloss Perm SB - UV Print**
Clear matt:	60205 -	**F-Guard P75 Clear Matt Perm SB - UV Print**
Clear satin:	60206 -	**F-Guard P75 Clear Satin Perm SB - UV Print**

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 7 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 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		75 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)		> 150%	ISO 527
Fire resistance on aluminium		Self-extinguishing	ISO 3795:1989
Dimensional stability (1 week @70 °C on glass)		0,4 mm	FTM 14
Adhesion on glass	- 20 minutes	12 N/25mm	FTM 1
	- 24 hours	18 N/25mm	
	- 1 week	20 N/25mm	
Minimum application temperature		+10 °C	
Service temperature		From -40 °C to +90 °C	
Siliconized clay coated kraft paper		85 g/m2	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
Sporadic contact with hydrocarbons		No effect	5 minutes immersion

QUALITY CERTIFICATION

QUALITY SYSTEM CERTIFICATION
DNV
ISO 9001

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