Laminates

FIN982 Cold PVC Lamination Film Matt Grained 100 µm

Toner
Water
(eco) Solvent
Laminates cold
Latex

Product Description	Transparent, high quality textured monomeric PVC with permanent acrylic adhesive for laminating applications and short-term indoor floor graphics applications.

Physical Properties

Thickness Film	100 µm	ISO 534
Thickness including liner	120 µm	ISO 534
Weight adhesive	30 g/m^2	ISO 536
Adhesion on steel (after 24 h)	15 N/25mm	AFERA 5001
Dimensional stability (MD / CD)	<-3% / <1,5%	FTM14
Slip resistance	R9 rating	DIN 51130
Flammability on aluminum	Self-extinguishing	DIN75200

All values listed are target values

Applications/ features

Flexible and mounted posters, displays, pop-ups
Floor graphics
Excellent protection of prints
Embossed finish eliminates glare
Virtually no silvering
Slip resistant (R9 rating) for indoor floor graphics
Self-extinguishing when mounted on non-flammable substrates

Available Widths (mm)

3"core	1040	1400								

Refer for our current offering to canon-europe.com/mediaguide

Storage Conditions

Shelf life: 2 years. Temperature 10 – 25ºC, Relative Humidity 33 - 65%
Repack opened rolls when not in use.

Environment, Health & Safety

No Material Safety Data Sheet required. Waste not suitable for recycling.

Application temperature End-Use temp. range

Min. 8 ºC

From -40ºC to + 80 ºC

Durability

1 year vertical exposure (indoor/outdoor), maximum of 2 months on the floor (indoor only).
For outdoor (vertical use), the edges of the laminates should be protected to avoid water penetration.
The estimated durability is based on accelerated ageing tests and refers to a vertical exposure under middle European climates. The durability of the product depends on the substrate's preparation, the atmospheric conditions and the environmental influence. Exposure to extreme conditions (tropical climate, high humidity, high UV-light exposure or polluted areas) can decrease the durability in a dramatically way.

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| **Processing Guidelines** | **Lamination processing guidelines** | **Application guidelines for floor graphics** |

Processing Guidelines

Lamination processing guidelines

Proper drying of the inks before laminating is required to obtain good adhesion.

Allow min 24 hours of time after lamination before rolling for transport.

When rolling up the image:
- roll with laminate to the outside
- roll at the largest diameter possible (no less than 30 cm)

Application guidelines for floor graphics

FIN982 in combination with a printed self-adhesive vinyl is ideal for short term floor graphics applications.

When deciding which printable vinyl to use, consideration to the surface to which the graphic is to be applied should be given. The graphics are suitable for use on sealed concrete; ceramic tiles, heavy duty commercial PVC flooring, and Linoleum. If these areas are to experience high amounts of foot traffic the use of a self adhesive printed vinyl with a permanent adhesive is preferable.

Floors such as sealed hardwood or parquet with low foot traffic could require only a product with a removable adhesive. Always pre-test the combination on the surface itself to find the best combination.

Installation

The print media must be pre-laminated with FIN982 before installation. Application of the laminated media to a smooth, clean floor is essential. Application on tufted carpets or tiles or rubber mats is.not recommended. Floors must be prepared by cleaning with a commercial cleaner and then washed with a suitable solvent such as isopropyl-alcohol (IPA) prior to application of the graphic. It is important that care is taken to allow the solvent to evaporate before application of the graphic

Floor Graphics Maintenance

A floor graphics can withstand daily cleaning with very mild soapy water; commercial buffers should be avoided as they can destroy the top surface. Use of commercial polishes which lessen the anti-slip properties should be avoided. The graphic should not be washed within the first 24 hours of application. During cleaning care should be taken to avoid the dwelling of water, oils and solvents around the image. Scuffmarks that make their way onto the graphic can be removed using mild detergent and water or citrus cleansers.

Removing Floor Graphics

When removing the floor graphic, start at one of the corners and gently pull the graphic toward you at a 90-degree angle. It may help to use a metal scrapper, but avoid excess scrapping as this can easily damage your floor. Use of a citrus cleaner or solvent based cleaner will assist with the removal of any residue.

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