LUXPRINT FLOOR & WALL

FILMOprint

General information

This is a 180-micron matte white anti-slip film coated with a permanent pressure sensitive adhesive.
Floor graphics are excellent for advertising in supermarkets, toy stores, restaurants, theaters, and other high-traffic areas where p.o.p. floor displays are optimal.
Ideal for use with Eco-Solvent, Solvent, UV-Based, and Latex inkjet printers.

Advantages

- Clear flexible PVC vinyl
- Anti-slip /abrasion resistance
- High tack adhesive

Description

- Film: 180 ±10 micron matte white anti-slip film
- Adhesive: Strong permanent acrylic pressure sensitive adhesive
- Liner : Single side PE-coated white wood-pulp paper,140 g/m²

Conversion

- UV inks
- Eco-solvent
- Solvent
- Latex
- Cold over laminating

Applications

- Retail Setting
- Public Exhibit
- Environmental Design
- Irregular Surfaces

PRODUCT CHARACTERISTICS	
Caliper, face film	180 micron GB/T6672
Caliper, liner	140 g/m² GB/T6672
Dimensional stability	0.8 mm max FINAT14
Adhesion, initial	700 N/m FINAT FTM-1, stainless steel
Adhesion, ultimate	780 N/m FINAT FTM-1, stainless steel
Shelf life	12 months Stored at 22° C/50-55 % RH
Durability	12 months Indoor usage
Slip resistance	R10 DIN 51130

Thermal

- Application temperature: +10°C
- Temperature range: - 20° ~ + 60°C

Chemical

- Resistant to most petroleum based oils, greases and aliphatic solvents
- Resistant to most mild acids, alkalies, and salts

Durability

The durability is based on Eastern exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing north; in areas of long high temperature exposure, in industrially polluted areas or high altitudes, exterior performance will be decreased.

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Test Methods:

Dimensional stability
Is measured on a 150 x 150 mm aluminium panel to which a specimen has been applied; 72 hours after application the panel is exposed for 48 hours to + 70°C, after which the shrinkage is measured.

Adhesion
(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel or float glass panel, 24 hours after the specimen has been applied under standardized conditions. Initial adhesion is measured 20 minutes after application of the specimen.

Flammability
A specimen applied to aluminium is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

Temperature range
A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

Chemical Resistance
All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

Corrosion Resistance
A specimen applied to aluminium is exposed to saline mist (5% salt) at 35°C. After exposure, the film is removed and the panel is examined for traces of corrosion.

USERS' GUIDE:

Application
Do not stretch the film during application. If you stretch the film it will tent or lift. When applying graphics to flat surfaces, the temperature range for both the air and substrate is 3°C to 38°C. The film sticks well at the lower end of this temperature range. However, keep these considerations in mind:
-The film becomes less flexible the colder it is.
-At temperatures lower than 3°C moisture may condense on the substrate, which prevents good adhesion.

Maintenance and Cleaning
Use a cleaner such as the kind used for high-quality painted surfaces. The cleaner must be wet, non-abrasive, without strong solvents, and have a pH value between 3 and 11 (neither strongly acidic nor strongly alkaline.)

Printing with Solvent-Based Inkjet Inks
Always test with your combination of printer and ink prior to commercial use.
Printing with Solvent inks is recommended for use of the product mainly on walls. For floor graphics printed with this technology and applied on floor is recommened to over laminate with cold over laminating film to protect images against abrasion and UV radiation. In general for floor graphics it is preferable to use UV inks.
Total Ink Coverage
Do not exceed 250% total ink coverage for film. Too high a total physical ink amount on the film results in media characteristic changes, inadequate drying, over laminate lifting, and/or poor graphic performance.
Commercial vehicle and fleet graphics; such graphics are subjected to abrasion such as road debris and automatic/power washing. Any graphic exposed to abrasive washing conditions, including automatic/power washing, harsh cleaners or chemicals.

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Shelf Life, Shipping, and Storage

- For unprocessed film, shelf life is 12 months. Store the film in a dry area, in the original container, out of direct sunlight and at less than 24°C
- The printed film has one month shelf life. Ship the finished graphic lying flat or in a roll. To roll the graphic, roll it film side out onto a core that is 3 inches or larger in diameter. These methods help prevent the film and application tape from wrinkling or popping off the liner.

Available sizes

- 107cm x 50m
- 137cm x 50m

Le informazioni pubblicate riguardanti i nostri prodotti sono basate su conoscenze ed esperienze pratiche. Gli acquirenti devono indipendentemente determinare, prima dell'uso, l'idoneità del materiale per l'utilizzo che ne vogliono fare. L'acquirente deve assumersi tutti i rischi per qualsiasi uso, funzionamento e applicazione del materiale. Noi siamo responsabili del danno solo per il prezzo d'acquisto con esclusione di danni diretti o accidentali. Tutte le informazioni fornite servono solo a descrivere il prodotto e non riguardano assicurazioni in senso giuridico. Le specifiche sono soggette a modifiche senza preavviso, salvo errori ed omissioni.