

ROLAM Laminating Films

Floor Graphic Heavy (D1/P3/R9)
3 Year Cold Laminating Films
LPF20

ROLAM monomeric cold laminating films have been engineered for protective lamination onto digitally printed images to extend durability of the base stock and provide image and scuff protection. Their face stocks are produced with UV stabiliser and in a manner which minimises shrinkage during & after lamination.

LPF is a slip approved (report available) and rough textured transparent film designed for lamination onto floor graphics vinyls and has a permanent, solvent based acrylic adhesive and a single PE release liner.



Economy

Performance

► Premium

Product information

Composition:	Calandered PVC film, adhesive & release paper
Main Applications:	Floor graphic protective over laminate
Features:	UV resistant, easy apply, controlled shrinkage formulation, water proof.
Formulation:	UV stabilised plasticised monomeric vinyl
Storage Conditions:	5~40°C & 35~75% RH
Shelf Life:	1 year from date of manufacture
Release Liner:	100 gsm single PE coated
Adhesive Type:	Clear solvent based acrylic PSA - permanent.
Remarks:	Slip resistance classification using AS 4586-2013 = D1, P3 or R9.

Certifications

Quality & Testing

- AS 4586-2013 Slip Resistance of new Pedestrian Surfaces

Application

- Slip Resistant Wet &/or Dry Floor Graphics

Manufacturing

- ISO-9001

Weight

- 430 grams per m² ± 5%

Stock Availability

Sheet Sizes:	See sheet cutting
Roll Widths (mm):	1000, 1350, 1500
Roll Lengths (mtrs):	50 & 100 (for 1350mm width only)
Log Cutting:	Available
Standard Core:	76mm ID
Sheet Cutting:	Up to 3200mm x 1500mm

Durability

5 years

1 years

Printing

Method:	Not designed
Printable Sides:	Not designed
Ink Suitability:	Not designed

Eco Response

Heavy Metal Free

- No

Recyclable

- No

Safety Compliance

- RoHs Certified

Basic Physical Data

Thickness:	0.42mm
Weight:	430 gsm
Gloss Level:	Textured Matt

Thermal Data

Heat Resistance:	80°C
Cold Resistance:	+5°C
Shrinkage:	0.5 ↓ % (80°Cx48hrs)

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Physical Characteristics

Holding Power	72 ↑ Hr/25mm x 25mm*1kg (JIS Z 0237)
Ball Tack	5 ~ 10
180° Peel	1800 ↑ g/25mm-24Hr (JIS Z 0237)
Adhesion	
90° Release Force	40±20 g/50mm (JIS Z 0237)
Thickness	Film 250 micron, Liner 100 micron, Adhesive 50 micron
Weight	430 grams per m ² ± 5%
Tensile Strength	5000 ↑ g/10mm (JIS Z 0237)
Elongation at Break	150 ↑ % (JIS Z 0237)
Gloss Level	4 ~ 10 +/- 5 Degree/60° Angle (ISO 2813)
Surface Finish	Textured Matte
UV Stabilized	Yes, to maximum concentration

Finishing

Cutting	✓
Welding	✗
Folding	✗
Gluing	✓
Eyeletting	✓
Stitching	✗
Laminating	✗
Bending	✗
Routing	✗
Punching	✓
Drilling	✓
Screwing	✓
V-Grooving	✗