## **ROLAM Laminating Films**

**Monomeric Textured Matt (P2)** 3 Year Cold Laminating Films LPM100



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. Wet test rated at P2 for use on floor graphics (Report available).

LPM is a lightly textured transparent film with a permanent, solvent based acrylic adhesive and a single PE release liner.



Performance

Premium



Calandered PVC film, adhesive & release paper Composition:

Main Applications: Protective lamination onto ROCAL adhesive films to extend durability Features: Consistent performance, low shrinkage, optimum clarity and matte

level, affordable price

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 = P2 or R9 using

the Wet Pendulum Test Method



#### Quality & Testing

• AS 4586-2013 Slip Resistance of New Pedestrian Surfaces

#### Application

• Short term matte protective over lamination. Floor graphics (P2 rated)

Manufacturing

**ISO-9001** Weight

• 230 grams per m<sup>2</sup> ± 5%

## **Stock Availability**

Sheet Sizes: See sheet cutting

Roll Widths (mm): 940, 1100, 1300, 1370, 1540

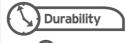
Roll Lengths (mtrs): 50 Log Cutting: Available Standard Core: 76mm ID

Sheet Cutting: Up to 3200mm x 1540mm

Not designed

Not designed

Not designed



5 years



3 years



Heavy Metal Free

• No

Recyclable

No

Safety Compliance

RoHs Certified



**Printing** 

Printable Sides:

Ink Suitability:

Method:

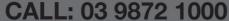
Thickness: 0.23mm Weight: 230gsm **Textured Matte** Gloss Level:



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

**180º Peel** 1200 ↑ g/25mm-24Hr (JIS Z 0237)

Adhesion

**90° Release** 40±20 g/50mm (JIS Z 0237)

**Force** 

Thickness Film 80 micron, Liner 100 micron,

Adhesive 25micron

Weight 230 grams per m<sup>2</sup>  $\pm$  5% Tensile 1500  $\uparrow$  g/10mm (JIS Z 0237)

Strength

Elongation at 150 ↑% (JIS Z 0237)

**Break** 

Gloss Level 10 +/- 5 Degree/60° Angle (ISO 2813)

Surface Finish Matte

UV Stabilized Yes, to maximum concentration



Cutting	<b>/</b>
Welding	X
Folding	<b>/</b>
Gluing	<b>V</b>
Eyeletting	<b>\</b>
Stitching	X
Laminating	<b>/</b>
Bending	<b>\</b>
Routing	X
Punching	X
Drilling	<b>V</b>
Screwing	<b>\</b>
V-Grooving	X