## **ROLAM Laminating Films**

**Monomeric Clear Gloss** 3 Year Cold Laminating Films **LPG100** 



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.

LPG is a glossy transparent film with a permanent, solvent based acrylic adhesive and a single PE release liner.



Performance

Premium



Composition: Calandered PVC film, adhesive & release paper

Main Applications: Protective lamination onto ROCAL adhesive films to extend durability Features:

Consistent performance, low shrinkage, optimum clarity and gloss

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.



#### Application

• Short term protective over lamination

#### Manufacturing

• ISO-9001



• 230 grams per m<sup>2</sup> ± 5%

## Stock Availability

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

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

**Sheet Cutting:** Up to 3200mm x 1540mm





5 years



3 years



Heavy Metal Free

• No

Recyclable

No

Safety Compliance

RoHs Certified



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

### **Basic Physical Data**

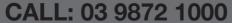
Thickness: 0.23mm Weight: 230gsm Gloss Level: Gloss

#### Thermal Data

Heat Resistance: 80°C Cold Resistance: +5°C

Shrinkage: 0.5 ↓ % (80°Cx48hrs)



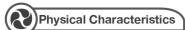




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3 Year Cold Laminating Films
LPG100





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 Gloss

UV Stabilized Yes, to maximum concentration

(2) Finis	shing

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