

# ROLAM Laminating Films

Monomeric Clear Satin  
3 Year Cold Laminating Films  
LPS100

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.

LPS is a semi-matte transparent film with a permanent, solvent based acrylic adhesive and a single PE release liner.



Quality

Economy

▶ Performance

Premium

## Product information

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 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.



Certifications

Application

- Short term protective over lamination

Manufacturing

- ISO-9001



Weight

- 230 grams per m<sup>2</sup> ± 5%

## Stock Availability

Roll Widths (mm):	940, 1370, 1550
Roll Lengths (mtrs):	50
Log Cutting:	Available
Standard Core:	76mm ID
Sheet Cutting:	Up to 3200mm x 1550mm



Durability

5 years

3 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:	0.23mm
Weight:	230gsm
Gloss Level:	Satin

## Thermal Data

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

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## Physical Characteristics

<b>Holding Power</b>	72 ↑ Hr/25mm x 25mm*1kg (JIS Z 0237)
<b>Ball Tack</b>	5 ~ 10
<b>180° Peel</b>	1200 ↑ g/25mm-24Hr (JIS Z 0237)
<b>Adhesion</b>	
<b>90° Release Force</b>	40±20 g/50mm (JIS Z 0237)
<b>Thickness</b>	Film 80 micron, Liner 100 micron, Adhesive 25micron
<b>Weight</b>	230 grams per m <sup>2</sup> ± 5%
<b>Tensile Strength</b>	1500 ↑ g/10mm (JIS Z 0237)
<b>Elongation at Break</b>	150 ↑ % (JIS Z 0237)
<b>Gloss Level</b>	10 +/- 5 Degree/60° Angle (ISO 2813)
<b>Surface Finish</b>	Satin
<b>UV Stabilized</b>	Yes, to maximum concentration

## Finishing

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