

ROLAM Laminating Films

Polymeric Clear Lustre
5 Year Cold Laminating Films
LPL100

ROLAM polymeric cold laminating films have been further 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.

LPL is a non reflective 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 lustre level
Formulation:	UV stabilised plasticised polymeric 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

- Long term low glare protective over lamination

Manufacturing

- ISO-9001



Weight

- 230 grams per m² ± 5%

Stock Availability

Roll Widths (mm):	1300, 1370 & 1540
Roll Lengths (mtrs):	50
Log Cutting:	Available
Standard Core:	76mm ID
Sheet Cutting:	Up to 3200mm x 1524mm



Durability

7 years

5 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:	Lustre

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	1200 ↑ g/25mm-24Hr (JIS Z 0237)
Adhesion	
90° Release Force	40±20 g/50mm (JIS Z 0237)
Thickness	Film 80 micron, Liner 100 micron, Adhesive 25micron
Weight	230 grams per m ² ± 5%
Tensile Strength	1500 ↑ g/10mm (JIS Z 0237)
Elongation at Break	150 ↑ % (JIS Z 0237)
Gloss Level	10 +/- 5 Degree/60° Angle (ISO 2813)
Surface Finish	Lustre
UV Stabilized	Yes, to maximum concentration

Finishing

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