# ROLAM Laminating Films

Polymeric Optical Clear Gloss 5 Year Cold Laminating Films MOCPL



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.

MOCPL is a glossy & optically clear film with a permanent, solvent based acrylic adhesive and a single PE release liner designed for lamination onto one way perforated vinyl.



Economy

Performance





Composition: Calandered PVC film, adhesive & release paper

Main Applications: Protective lamination onto ROCAL one way view films to extend

durability

Features: Consistent performance, low shrinkage, optimum clarity and gloss

level, affordable price

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.



#### Application

 Long term protective over lamination to one way view film

#### Manufacturing

• ISO-9001

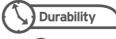


• 230 grams per m<sup>2</sup> ± 5%

## Stock Availability

Roll Widths (mm): 1370, 1524
Roll Lengths (mtrs): 50
Log Cutting: Available
Standard Core: 76mm ID

Sheet Cutting: Up to 3200mm x 1524mm





7 years



5 years



Heavy Metal Free

No

Recyclable

• No

Safety Compliance

RoHs Certified

### Printing

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)

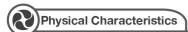




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 $\textbf{Holding Power} \quad 72 \uparrow \ \text{Hr/25mm} \ \text{x} \ 25 \text{mm*1kg} \ (\text{JIS Z 0237})$ 

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



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