## **ROLAM Laminating Films**

### **Polymeric Clear Matt** 5 Year Cold Laminating Films LUVM



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.

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





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

Formulation: UV stabilised plasticised polymer 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 matte protective over lamination

#### Manufacturing

• ISO-9001



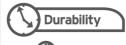
• 230 grams per m<sup>2</sup> ± 5%



Sheet Sizes: See sheet cutting Roll Widths (mm): 1370, 1524

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

Sheet Cutting: Up to 3200mm x 1540mm





7 years



5 years



Heavy Metal Free

• No

Recyclable

No

Safety Compliance

RoHs Certified



**Printing** 

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

## **Basic Physical Data**

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



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	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

