

# Technical Fact Sheet



## Rolam 5yr LAM

Rolam 5yr LAM is a 5-year rated clear overlaminate providing UV, scratch, and weather protection for long-term wide-format display graphics. Available in gloss and matt finishes and compatible with solvent, eco-solvent, and UV graphics, it is ideal for vehicle graphics, outdoor signage, and long-term lamination.



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### Features

#### Product Information Suggestion

Composition:	Calandered PVC film, adhesive & release paper
Main Applications:	Self adhesive transparent graphics
Features:	Controlled, reliable print formulation & shrinkage, stay-flat liner
Benefits:	Reliable printing, high durability & flatness, visually appealing

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Formulation: Plasticised Polymeric Vinyl  
Storage Conditions: 5~40°C & 35~75% RH in the original packaging  
Shelf Life: 1 year from date of manufacture  
Release Liner: Thick kraft paper with double side PE coated  
Adhesive Type: Clear permanent solvent based acrylic  
Remarks: Total weight including liner & adhesive 300gsm

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## Environmental Credentials

### Eco Response    Testing Method

Heavy Metal Free    No

Recyclable    No

Safety Compliance RoHs Certified

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## Printing Tips

### Printing and Laminating Suggestion

Printable Sides:    One, wound facing outside of roll

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Ink Suitability: UV Cured inks (Offset, Screen & Inkjet) Solvent & Latex  
Laminating:

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## Important Note

All statements, technical information and recommendation are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties of merchantability and fitness for the purpose: Sellers and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

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## Size Availability

### **Stock Availability**   **Suggestion**

Roll Widths (mm): 1370 & 1524mm

Roll Lengths (mtrs): 50m (250 & 500m by request)

Standard Core: 3 inch paper core

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## **Technical Data**

[Product Safety Datasheet](#)

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## Basic Physical Data Suggestion

Thickness:	305 micron $\pm$ 20 micron
Weight:	300 grams per m <sup>2</sup> $\pm$ 20 grams
Gloss Level:	80 $\uparrow$ Degree/60°Angle
Matt Level:	
Satin Level:	
Clear Clarity	Clear Gloss

## Thermal Data Suggestion

Heat Resistance:	80°C
Cold Resistance:	-30°C
Shrinkage:	0.5 $\downarrow$ % (80°Cx48hrs)

## Physical Characteristics Suggestion

Holding Power	72 $\uparrow$ Hr/25mm x 25mm*1kg (JIS Z 0237)
Ball Tack	No. 5~10
180 degree Peel Adhesion	1100 $\uparrow$ g/25mm-20min, 1400 $\uparrow$ g/25mm-24hr (JIS Z 0237)
90 degree Release Force	30 $\pm$ 20 g/50mm (JIS Z 0237)

## Thickness

Film	100 micron $\pm$ 10 micron
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