

Technical Fact Sheet



Rolam 5yr Optical Clear



Features

Product Information

Composition:

Main Applications:

Features:

Benefits:

Suggestion

Calandered PVC film, adhesive & polyester release paper

Indoor & outdoor printed glass decals

Optically brightened film, high clarity & gloss

Visually transparent & appealing on glass, superior ink adhesion,
remains stable during printing and processing

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Formulation:	UV stabilised 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:	Polyester
Adhesive Type:	Clear permanent solvent based acrylic
Remarks:	

Environmental Credentials

Eco Response	Testing Method
Heavy Metal Free	No
Recyclable	No
Safety Compliance	RoHs Certified

Printing Tips

Printing and Laminating Suggestion

Printable Sides:	One, wound facing outside of roll
Ink Suitability:	UV Cured inks (Offset, Screen & Inkjet) Solvent & Latex

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Laminating:

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.

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

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Basic Physical Data		Suggestion
Thickness:		180 micron \pm 15 micron
Weight:		210 grams per m ² \pm 20 grams
Gloss Level:		
Matt Level:		
Satin Level:		
Clear Clarity		Clear Gloss

Thermal Data	Suggestion
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Heat Resistance:	80°C
Cold Resistance:	-30°C
Shrinkage:	0.5↓ % (80°Cx48hrs)

Physical Characteristics	Suggestion
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Holding Power	72↑ Hr/25mm x 25mm*1kg (JIS Z 0237)
Ball Tack	No. 5~10
180 degree Peel Adhesion	800↑ g/25mm-20min, 1000↑g/25mm-24hr (JIS Z 0237)
90 degree Release Force	30±20 g/50mm (JIS Z 0237)

Thickness	
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Film	80 micron \pm 10 micron
Liner	75 micron \pm 5 micron