

Technical Fact Sheet



Rolam 5yr Optical Clear



Features

Product Information Suggestion

Composition:	Calandered PVC film, adhesive & polyester release paper
Main Applications:	Indoor & outdoor printed glass decals
Features:	Optically brightened film, high clarity & gloss

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

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Printing and Laminating Suggestion

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

[Product Safety Datasheet](#)

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Basic Physical Data Suggestion

Thickness: 180 micron \pm 15 micron
Weight: 210 grams per m² \pm 20 grams
Gloss Level:
Matt Level:
Satin Level:
Clear Clarity Clear Gloss

Thermal Data Suggestion

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

Physical Characteristics Suggestion

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 \pm 20 g/50mm (JIS Z 0237)

Thickness

Film 80 micron \pm 10 micron