

Technical Fact Sheet



Rocal Satin Translucent 5yr

Rocal Satin Translucent 5yr is a premium satin translucent self-adhesive film for illuminated signage and backlit graphics requiring longer outdoor durability. It supports even light transmission with a smooth illuminated appearance.



Features

Product Information Suggestion

- Composition: Calandered PVC film, adhesive & release paper
- Main Applications: Printed graphics mounted to light box substrates
- Features: Controlled, reliable print formulation & shrinkage, stay-flat liner

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Benefits:	Reliable printing, high durability & flatness, visually appealing
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 350gsm

Environmental Credentials

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

Printing Tips

Printing and Laminating Suggestion

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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):	1370mm
Roll Lengths (mtrs):	50m
Log Cutting:	Internal Spicers
Standard Core:	3 inch paper core
Sheet Cutting:	Internal Spicers

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Technical Data

[Product Safety Datasheet](#)

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Basic Physical Data Suggestion

Thickness: 330 micron \pm 20 micron
Weight: 350 grams per m² \pm 20 grams
Gloss Level:
Matt Level:
Satin Level: 70 \uparrow Degree/60 $^\circ$ Angle
Clear Clarity No

Thermal Data Suggestion

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

Physical Characteristics Suggestion

Holding Power 0.5 \downarrow mm (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 40 \pm 20 g/50mm (JIS Z 0237)

Thickness

Film 120 micron \pm 10 micron