

ROLIGHT Lightbox Products

Monomeric Lightbox Vinyl Lightbox Films SVBL-R



ROCAL Monomeric vinyls have been engineered for a large range of wide format digitally printed & mounted graphic applications using face stock weights & formulations that consistently capture and display ink effectively whilst providing mid term durability & excellent resistance to shrinkage. SVBL-R is a satin translucent film with a removable, solvent based acrylic adhesive which can be wet applied and later removed without leaving residue. It has a two side coated, moisture resistant, stay-flat paper liner.



Quality

Economy



Performance

Premium



Product information

Composition:	Calandered PVC film, adhesive & release paper
Main Applications:	Removable printed graphics mounted to light box substrates
Features:	Controlled, reliable print formulation & shrinkage, stay-flat liner
Benefits:	Reliable printing, high durability & flatness, visually appealing & removable
Formulation:	Monomeric Vinyl
Storage Conditions:	5~40°C & 35~75% RH
Shelf Life:	1 year from date of manufacture
Release Liner:	0.18mm, 120gsm double PE coated
Adhesive Type:	Removable solvent based acrylic
Remarks:	Total weight including liner & adhesive 320gsm



Certifications

Quality & Testing

- Durability ISO 4892-3 (1000hr)

Application

- Short term light box graphics

Manufacturing

- ISO9001



Weight

- 320 grams per m² ± 5%



Stock Availability

Sheet Sizes:	See sheet cutting
Roll Widths (mm):	1370 & 1524
Roll Lengths (mtrs):	50
Log Cutting:	Up to 1524mm
Standard Core:	76mm ID
Sheet Cutting:	Up to 3200mm x 1524mm



Printing

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



Basic Physical Data

Thickness:	305 micron
Weight:	320 grams per m ² ± 5%
Gloss Level:	Satin



Thermal Data

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



Durability



6 years



3 years



Eco Response

Safety Compliance

- RoHs Certified

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Physical Characteristics

Holding Power	0.3 ↓ mm (JIS Z 0237)
Ball Tack	5 ~ 10 (JIS Z 0237)
180° Peel	1800 ↑ g/25mm-24Hr (JIS Z 0237)
Adhesion	
90° Release Force	40±20 g/50mm (JIS Z 0237)
Thickness	Film 100micron, Liner 180micron, Adhesive 25micron
Weight	320 grams per m ² ± 5%
Tensile Strength	2000 ↑ g/10mm (JIS Z 0237)
Elongation at Break	150 ↑ % (JIS Z 0237)
Gloss Level	80 ↑ Degree/60° Angle (ISO 2813)
Surface Finish	Satin
UV Stabilized	Yes, to maximum concentration

Finishing

Cutting	✓
Welding	✗
Folding	✓
Gluing	✓
Eyeletting	✓
Stitching	✗
Laminating	✓
Bending	✓
Routing	✗
Punching	✓
Drilling	✓
Screwing	✓
V-Grooving	✗