

# ROCAL Adhesive Films

Polymeric White Gloss Removable  
White Polymeric 5 Year Adhesive Films  
SPVO-R



ROCAL Polymeric 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 extra long term durability & excellent resistance to shrinkage. SPVO-R is a glossy opaque white 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.



Economy

Performance

► Premium

## Product information

Composition:	Calandered PVC film, adhesive & release paper
Main Applications:	Removable printed graphics mounted to other surfaces
Features:	Controlled print formulation & shrinkage, stay-flat liner
Benefits:	Reliable printing, good durability & flatness & visually appealing
Formulation:	Plasticised Polymeric 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:	Clear removable solvent based acrylic
Remarks:	Total weight including liner & adhesive 320gsm

## Certifications

### Quality & Testing

- Durability ISO 4892-3 (1000hr)

### Application

- Long term removable adhesive graphics

### Manufacturing

- ISO9001

## Weight

- 320 grams per m<sup>2</sup> ± 5%

## Stock Availability

Sheet Sizes:	See sheet cutting
Roll Widths (mm):	1020, 1370 & 1524
Roll Lengths (mtrs):	50 & 250
Log Cutting:	Available for 50m rolls only
Standard Core:	76mm for 50m and 152mm for 250m
Sheet Cutting:	Up to 3200mm x 1524mm

## Durability

🏠 10 years

⚙️ 5 years

## Printing

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

## Eco Response

### Heavy Metal Free

- No

### Recyclable

- No

### Safety Compliance

- RoHs Certified

## Basic Physical Data

Thickness:	305 micron
Weight:	320 grams per m <sup>2</sup> ± 5%
Gloss Level:	Gloss

## Thermal Data

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

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## Physical Characteristics

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

## Finishing

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