

# ROCAL Adhesive Films

Monomeric Clear Gloss Perm  
3 Yr Mounted Digital Graphics  
SCO-P

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 short term durability at an affordable price with excellent resistance to shrinkage. SCO-P is a glossy transparent film with a permanent, solvent based acrylic adhesive which can be wet applied and 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:	Short term mounted graphics, such as window signage & decals
Features:	Controlled, reliable print formulation & shrinkage, stay-flat liner, affordable
Benefits:	Reliable printing, high durability & flatness, visually appealing, reduced costs
Formulation:	Plasticised 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:	Clear permanent solvent based acrylic
Remarks:	Total weight including liner & adhesive 320gsm

## Certifications

### Quality & Testing

- Durability ISO 4892-3 (1000hr)

### Application

- Short term transparent 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
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

🏠 6 years

⚙️ 3 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>Tearing Strength</b>	1500 ↑ g/10mm (JIS Z 0237)
<b>Ball Tack</b>	6 ~ 12
<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>	320 grams per m <sup>2</sup> ± 5%
<b>Elongation at Break</b>	150 ↑ % (JIS Z 0237)
<b>Gloss Level</b>	80 ↑ Degree/60° Angle (ISO 2813)
<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>	✗