

ROCAL Adhesive Films

Monomeric White Matt Removable
3 Year Self Adhesive Graphics
SMO-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 short term durability & excellent resistance to shrinkage. SMO-R is a matte 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.



Quality

Economy

▶ Performance

Premium

Product information

Composition:	Calandered PVC film, adhesive & release paper
Main Applications:	Short term printed & mounted graphics
Features:	Controlled print formulation & shrinkage, stay-flat liner
Benefits:	Reliable printing, good durability, flatness, visually appealing & easily removed
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 removable solvent based acrylic
Remarks:	Total weight including liner & adhesive 320gsm

Certifications

Quality & Testing

- Durability ISO 4892-3 (1000hr)

Application

- Short term removable adhesive 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:	Available
Standard Core:	76mm ID
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 ² ± 5%
Gloss Level:	Matte

Thermal Data

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

ASK
US

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Physical Characteristics

Holding Power	0.3 ↓ mm (JIS Z 0237)
Ball Tack	5 ~ 10
180° Peel Adhesion	1200 ↑ g/25mm-24Hr (JIS Z 0237)
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	1500 ↑ g/10mm (JIS Z 0237)
Elongation at Break	150 ↑ % (JIS Z 0237)
Surface Finish	Matte
UV Stabilized	Yes, to maximum concentration

Finishing

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