

ROCAL Adhesive Films

Eco Vinyl Matt
3 Yr Mounted Vinyl Graphics
UPO-R

ECO VINYL MATT is an opaque, matte, PVC free vinyl film with a treated print surface and a removable solvent based acrylic adhesive. The face stock has been engineered to provide a formulation which feels and behaves like soft plasticised vinyl but is 100% PVC free, contains no phthalates, heavy metals or lead. Designed for short term removable promotional graphics applied indoor or outdoor and will resist premature breakdown & yellowing for up to 3 years.



Quality

Economy

Performance

► Premium

Product information

Composition:	100mic polyolefin film + adhesive + double PE liner
Main Applications:	General short term PVC free self adhesive graphics
Features:	Smooth satin, soft & flexible, non toxic, stable, UV resistant, whiteness
Benefits:	Vibrant print result, meets CSR requirements for certain clients, great durability, easy install & removability
Surface Treatment:	Corona
Formulation:	UV Stabilised Polyolefin film
Storage Conditions:	5~40°C & 35~75%
Shelf Life:	1 Year
Release Liner:	120gsm double PE
Adhesive Type:	Clear removable solvent based acrylic

Stock Availability

Sheet Sizes:	See Sheet Cutting
Roll Widths (mm):	1370
Roll Lengths (mtrs):	50 & 250
Log Cutting:	Available on request.
Standard Core:	76mm for 50m and 152mm for 250m
Sheet Cutting:	Up to 3200mm x 1370mm

Printing

Method:	UV Inkjet, Screen & Offset
Printable Sides:	One, wound facing out
Ink Suitability:	UV cured

Basic Physical Data

Thickness:	0.32 mm
Weight:	320 gsm
Gloss Level:	Matte

Thermal Data

Heat Resistance:	80 °C
Cold Resistance:	-30 °C
Shrinkage:	0.3 ↓ % (80°Cx48hrs)

Certifications

- Application
- Short term PVC free adhesive graphics
- Manufacturing
- ISO9001

Weight

- 320 gsm

Durability

- 6 years
- 3 years

Eco Response

- Heavy Metal Free
- Yes
- Recyclable
- Yes
- Safety Compliance
- RoHS, Reach

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Physical Characteristics

Holding Power	0.3↓ mm
Transmittance	22% <
Ball Tack	5 ~ 10 (JIS Z 0237)
180° Peel Adhesion	1200↑ g/25mm-24hr (JIS Z 0237)
90° Release Force	40±20 g/50mm (JIS Z 0237)
Thickness	0.32mm
Weight	320 gsm
Tensile Strength	1500↑ g/10mm (JIS Z 0237)
Elongation at Break	150↑% (JIS Z 0237)
Gloss Level	5±3 Degree/60° Angle (ISO 2813)
Surface Finish	Matte
Opacity	75↑

Finishing

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