

RODURE Poster Films

Dye Film Satin
Indoor Posters & Displays
DPMQ180

DYE FILM SATIN is a clean white, high opacity, low density polypropylene synthetic paper with a ink receptive coating on one side primarily designed for water based dye inks. It is more suited for indoor use & requires protective lamination. It is perfect for durable printed applications requiring resistance to tearing, water, premature breakdown or yellowing due to ultra-violet light exposure. It's high temperature resistance & dimensional stability make it particularly suitable across a range of water-based printers.



Quality



Economy

Performance

Premium

Product information

Composition:	Low density polypropylene film + ink receptive EVA coating
Main Applications:	Indoor short term graphics, posters, photos, pull-up displays
Features:	Excellent whiteness and opacity, high resolution capable coating, tear and water resistant
Benefits:	Fast drying / production times, highly durable & visually appealing graphics
Surface Treatment:	Corona & ink receptive swellable coating
Formulation:	UV stabilized, anti-static treated
Storage Conditions:	5 ~ 40 deg C & 35~75% RH
Shelf Life:	1 year from date of manufacture
Remarks:	Recommended lamination with Rolam protective laminates

Certifications

Application

- Indoor durable posters

Manufacturing

- ISO9001

Weight

- 155 grams per m² ± 5%

Stock Availability

Sheet Sizes:	See sheet cutting
Roll Widths (mm):	915mm, 1270mm, 1524mm
Roll Lengths (mtrs):	30 metres
Log Cutting:	Not available
Standard Core:	50mm ID
Sheet Cutting:	Not available

Durability

2 years

Not recommended

Printing

Method:	Digital Inkjet
Printable Sides:	One, wound facing inside
Ink Suitability:	Water based dye, pigment & latex

Eco Response

Heavy Metal Free

- Yes

Recyclable

- Yes

Safety Compliance

- RoHS, Reach

Basic Physical Data

Thickness:	0.18mm
Weight:	155gsm
Gloss Level:	Satin

Thermal Data

Heat Resistance:	80C
Cold Resistance:	5C

ASK
US

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Physical Characteristics

Whiteness	92 ↑ (TAPPI T-525)
Visual Light Transmission	1.5 ↓ (TAPPI T-555)
Thickness	180 micron +/- 5% (TAPPI T-411) 7mil
Weight	155 grams per m ² ± 5%
Tensile Strength	7 ↑ kgs/mm ² in MD, 12 ↑ kgs/mm ² in CD.
Gloss Level	18 ~ 28 (18 ~ 28)
Surface Finish	Satin
Opacity	93 ↑ (TAPPI T-425)
UV Stabilized	Yes

Finishing

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