

RODURE Poster Films

Aqueous Film
Indoor Posters & Displays
PPPQ180

AQUEOUS FILM is a clean white, high opacity, low density polypropylene synthetic paper with a ink receptive coating on one side primarily designed for water based pigment 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 coating
Main Applications:	Indoor short term graphics, posters, photos, pull-up displays
Features:	Excellent whiteness and opacity, swell 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°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

- 160 grams per m² ± 5%

Stock Availability

Sheet Sizes:	See sheet cutting
Roll Widths (mm):	915, 1270, 1524
Roll Lengths (mtrs):	30
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 outside
Ink Suitability:	Water based dye, pigment & latex

Eco Response

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

Basic Physical Data

Thickness:	0.22mm
Weight:	160 gsm
Gloss Level:	Matte

Thermal Data

Heat Resistance:	80°C
Cold Resistance:	5°C

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Physical Characteristics

Whiteness	92 ↑ (TAPPI T-525)
Roughness	1.5 ↓ (TAPPI T-555)
Thickness	220 micron +/- 5% (TAPPI T-411) 8.6mil
Weight	160 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	Matt
Opacity	93 ↑ (TAPPI T-425)
UV Stabilized	Yes

Finishing

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

