

# RODURE Poster Films

Aqueous Film Lite  
Indoor Posters & Displays  
PPL180

AQUEOUS FILM LITE 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

- 140 grams per m<sup>2</sup> ± 5%

## Stock Availability

Sheet Sizes:	Not available
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:	0.19mm
Weight:	140 gsm
Gloss Level:	Matte

## Thermal Data

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

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## Physical Characteristics

<b>Whiteness</b>	92 ↑ (TAPPI T-525)
<b>Roughness</b>	1.5 ↓ (TAPPI T-555)
<b>Thickness</b>	190 micron +/- 5% (TAPPI T-411) 8.6mil
<b>Weight</b>	140 grams per m <sup>2</sup> ± 5%
<b>Tensile Strength</b>	7 ↑ kgs/mm <sup>2</sup> in MD, 12 ↑ kgs/mm <sup>2</sup> in CD.
<b>Gloss Level</b>	18 ~ 28 (18 ~ 28)
<b>Surface Finish</b>	Matte
<b>Opacity</b>	93 ↑ (TAPPI T-425)
<b>UV Stabilized</b>	Yes

## 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>	✗