

RODURE Poster Films

Rodure XTI 200
Single Sided Posters & Displays
XTI200

RODURE XTI200 is a clean white, high opacity, low density polypropylene synthetic paper with a smooth, clay coated matte surface on two sides. It is suitable for a large range of durable printed applications requiring resistance to tearing, water, premature breakdown or yellowing due to ultra-violet light exposure. It's high temperature resistance & optimum transparency makes it particularly suitable for outdoor light box and bus shelter posters whilst also providing versatility across a range of printing devices.



Quality

Economy

▶ Performance

Premium

Product information

Composition:	Low density biaxially oriented polypropylene film
Main Applications:	Posters, maps, long life tags & labels, bunting & flags
Features:	Excellent whiteness and opacity, lay-flat, print adhesion and image quality. Excellent durability and water resistance
Benefits:	Reliable printing, high durability and broad temperature resistance
Surface Treatment:	Corona & clay coating both sides
Formulation:	Anti-static treated & UV stabilised
Storage Conditions:	22°C 50 ~ 55% RH
Shelf Life:	2 years from date of manufacture
Remarks:	Recycler details available upon request

Certifications

Quality & Testing

- Adshel Specified

Application

- Bus Shelter Posters

Manufacturing

- ISO9001, ISO14001

Weight

- 200 grams per m² ± 5%

Stock Availability

Sheet Sizes:	See Sheet Cutting
Roll Widths (mm):	1320 & 1600
Roll Lengths (mtrs):	100 & 300
Log Cutting:	Not recommended
Standard Core:	76mm ID & 152mm ID
Sheet Cutting:	up to 3200mm x 1600mm

Durability

🏠 10 years

⚙️ 2 years

Printing

Method:	UV curable digital, latex & screen print systems
Printable Sides:	2 sides
Ink Suitability:	UV cured & Latex

Eco Response

Heavy Metal Free

- Yes

Recyclable

- Yes

Safety Compliance

- Reach, RoHS

Basic Physical Data

Thickness:	250 micron
Weight:	200 gsm
Gloss Level:	17 ~ 28% (T-480)

Thermal Data

Heat Resistance:	100°C
Cold Resistance:	-30°C
Shrinkage:	± 1% (ASTM – D257)

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Physical Characteristics

Tearing Strength	No tear (uninitiated)
Whiteness	95±3 (T-525)
Roughness	0.6 ~ 1.4 (T-555)
Thickness	0.25 mm (9.8 mil) ± 5%
Weight	200 grams per m ² ± 5%
Tensile Strength	5↑ kgs/mm ² in MD, 12↑ kgs/mm ² in CD. (D-882)
Elongation at Break	200↓% in MD 60↓% in CD (D-683)
Surface Tension	46 Dyne/cm ³
Gloss Level	17 ~ 28% (T-480)
Surface Finish	Matt
Opacity	97% (T-425)
UV Stabilized	Yes, to maximum concentration

Finishing

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