

RODURE Poster Films

Rodure XTV 154
Single Sided Posters & Displays
XTV154

RODURE XTV154 is a clean white, high density polypropylene synthetic paper with a smooth matte surface on two sides with a softer, paper like formulation. 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 broad ranging temperature resistance, flexibility & optimum transparency makes it particularly suitable for outdoor scrolling light-box posters.



Quality

Economy

Performance

► Premium

Product information

Composition:	High density single layer polypropylene
Main Applications:	Scrolling light box posters, tags & labels
Features:	Matte, UV stabilised, anti-static, UV resistant & high impact modified
Benefits:	Reliable printing, high durability and broad temperature resistance
Surface Treatment:	Corona both sides
Formulation:	Anti-static, UV stabilized & additional low temperature impact modified
Storage Conditions:	22°C 50% RH ~ 55% RH
Shelf Life:	2 years from date of manufacture
Remarks:	Recycler details available upon request

Certifications

Quality & Testing

- Adshel specified

Application

- Scrolling light box posters

Manufacturing

- ISO9001, ISO14001

Weight

- 154 grams per m² ± 5%

Stock Availability

Sheet Sizes:	See Sheet Cutting
Roll Widths (mm):	1180
Roll Lengths (mtrs):	2700 & 540
Log Cutting:	No
Standard Core:	152mm ID
Sheet Cutting:	Up to 3200mm x 1180mm

Durability

10 years

2 years

Printing

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

Eco Response

Heavy Metal Free

- Yes

Recyclable

- Yes

Safety Compliance

- Reach, RoHS

Basic Physical Data

Thickness:	150 micron
Weight:	154 gsm
Gloss Level:	Matte

Thermal Data

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

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Physical Characteristics

Visual Light Transmission	88 ↑ (ASTM – E313)
Roughness	15 ~ 35 (outside) 25 ~ 60 (inside)
Thickness	0.15 mm ± 7%
Weight	154 grams per m ² ± 5%
Tensile Strength	MD4200 ↑ TD3500 ↑ (ASTM – D638)
Surface Tension	46 Dyne/cm ³
Gloss Level	2 ~5 (ASTM – D523)
Surface Finish	Matte
UV Stabilized	Yes, to maximum concentration

Finishing

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