

RODURE Poster Films

Rodure XTC 566
Single Sided Posters & Displays
XTC50

RODURE XTC566 is a white, semi-opaque, high density polypropylene sheet stock with a smooth, matte surface on two sides and a semi rigid card-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.



Quality

Economy

▶ Performance

Premium

Product information

Composition:	High density single layer polypropylene
Main Applications:	Heavyweight display card, horticultural tags, shelf wobblers, folder covers and menus
Features:	High opacity, stiff, matte, UV stabilised, anti-static and UV resistant
Benefits:	Reliable printing 2 sides, high durability & economically priced
Surface Treatment:	Corona both sides
Formulation:	Anti-static, UV stabilized & low temperature impact modified
Storage Conditions:	22°C 50°C ~ 55% RH
Shelf Life:	2 years from date of manufacture
Remarks:	Recycler details available upon request

Certifications

Application

- Heavy durable posters & display card

Manufacturing

- ISO9001, ISO14001

Weight

- 566 grams per m² ± 5%

Stock Availability

Sheet Sizes:	1060mm x 1540mm
Roll Widths (mm):	Not stocked - Indent only
Roll Lengths (mtrs):	Not stocked - Indent only
Log Cutting:	Not applicable
Standard Core:	Not applicable
Sheet Cutting:	Not applicable

Durability

10 years

2 years

Printing

Method:	UV Offset, Screen & Digital
Printable Sides:	2 sides
Ink Suitability:	UV cured systems

Eco Response

Heavy Metal Free

- Yes

Recyclable

- Yes

Safety Compliance

- Reach, RoHS

Basic Physical Data

Thickness:	500 micron
Weight:	566 gsm
Gloss Level:	Matte

Thermal Data

Heat Resistance:	85°C
Cold Resistance:	-20°C
Shrinkage:	± 1%

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Physical Characteristics

Whiteness	84 ↑ (ASTM – E313)
Transmittance	12 ↓ % (ASTM-D1003)
Roughness	15 ~ 35 (outside) 25 ~ 60 (inside)
Thickness	500 micron
Weight	566 grams per m ² ± 5%
Tensile Strength	MD3000 ↑ TD2300 ↑ (ASTM – D638)
Elongation at Break	600 ↑ 350 ↑ (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	✗