

# 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 m<sup>2</sup> ± 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

<b>Whiteness</b>	84 ↑ (ASTM – E313)
<b>Transmittance</b>	12 ↓ % (ASTM-D1003)
<b>Roughness</b>	15 ~ 35 (outside) 25 ~ 60 (inside)
<b>Thickness</b>	500 micron
<b>Weight</b>	566 grams per m <sup>2</sup> ± 5%
<b>Tensile Strength</b>	MD3000 ↑ TD2300 ↑ (ASTM – D638)
<b>Elongation at Break</b>	600 ↑ 350 ↑ (ASTM – D638)
<b>Surface Tension</b>	46 Dyne/cm <sup>3</sup>
<b>Gloss Level</b>	2 ~5 (ASTM – D523)
<b>Surface Finish</b>	Matte
<b>UV Stabilized</b>	Yes, to maximum concentration

## 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>	✗