

RODURE Poster Films

Rodure XTC 238
Single Sided Posters & Displays
XTC238

RODURE XTC238 is a white, semi-opaque, high density polypropylene synthetic paper with a smooth matte surface on two sides with a semi-rigid 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 also allows enough light transmission to be used as posters in bus shelter light boxes as well as front lit posters.



Quality



Economy

Performance

Premium

Product information

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

Certifications

Application

- Highly durable lightweight posters

Manufacturing

- ISO9001, ISO14001

Weight

- 238 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 or 152mm ID
Sheet Cutting:	up to 3200mm x 1600mm

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:	210 micron
Weight:	238gsm
Gloss Level:	Matte

Thermal Data

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

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Physical Characteristics

Transmittance	18 ↓ % (ASTM-D1003)
Roughness	10 ~ 30 (outside) 25 ~ 60 (inside)
Thickness	210 micron
Weight	238 grams per m ² ± 5%
Tensile Strength	MD3000 ↑ TD2500 ↑ (ASTM – D638)
Elongation at Break	350 ↑ 20 ↑ (ASTM – D638)
Surface Tension	46 Dyne/cm ³
Gloss Level	2 ~5 (ASTM – D523)
Surface Finish	Matte
Opacity	84 ↑ (ASTM – E313)
UV Stabilized	Yes, to maximum concentration

Finishing

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