

RODURE Posters Films

Rodure XTC 283
Single Sided Posters & Displays
XTC283

RODURE XTC283 is a white, semi-opaque, high density polypropylene synthetic paper with a smooth matte surface on two sides with a stiff, 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. 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 both sides |
| Formulation: | Anti-static, UV stabilized & low temperature impact modified |
| Storage Conditions: | 50 ~ 55% RH |
| Shelf Life: | 2 years from date of manufacture |
| Remarks: | Recycler details available upon request |

Certifications

- Application
- Highly durable posters
- Manufacturing
- ISO9001, ISO14001

Weight

- 283 grams per m² ± 5%

Stock Availability

| | |
|----------------------|-----------------------|
| Sheet Sizes: | See Sheet Cutting |
| Roll Widths (mm): | 1320, 1600 |
| Roll Lengths (mtrs): | 100, 300 & 800 |
| 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: | 250 micron |
| Weight: | 283 gsm |
| Gloss Level: | Matte |

Thermal Data

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

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Physical Characteristics

| | |
|----------------------------|------------------------------------|
| Transmittance | 12 ↓ % (ASTM-D1003) |
| Roughness | 15 ~ 35 (outside) 25 ~ 60 (inside) |
| Thickness | 250 micron |
| Weight | 283 grams per m ² ± 5% |
| Tensile Strength | MD4100 ↑ TD3000 ↑ (ASTM – D638) |
| Elongation at Break | 600 ↑ 350 ↑ (ASTM – D638) |
| Surface Tension | 46 Dyne/cm ³ |
| Gloss Level | 2 ~5 (ASTM – D523) |
| Surface Finish | Matte |
| Opacity | 88 ↑ (ASTM – E313) |
| UV Stabilized | Yes, to maximum concentration |

Finishing

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