

# ROTEX Banner Textiles

Rotex Lite  
Outdoor Soft Signage & Banners  
SEC150

ROTEX LITE is a lightweight, high tensile knitted polyester fabric with a water & scratch resistant ink receptive coating and flame retarding treatment suitable for digitally printed soft banners, display graphics & general signage used indoor and outdoor. The lightweight surface coating allows slight visibility of the fabric texture after printing giving a smooth, non-reflective grained appearance.



Quality

Economy

▶ Performance

Premium

## Product information

Composition:	High tensile polyester fabric & PVC coating
Main Applications:	Indoor / outdoor banners, flags, exhibition and point of sale graphics
Features:	High quality universal coating, high tensile strength, heat resistance & dimensional stability
Benefits:	Excellent print quality & drape ability, lightweight alternative to PVC banner & high durability
Storage Conditions:	Store at 22°C 50 ~ 55% RH
Shelf Life:	2 years from date of manufacture



Certifications

- Application
- Light soft banners & signs
- Manufacturing
- ISO9001



Weight

- 120 grams per m<sup>2</sup> ± 5%

## Stock Availability

Sheet Sizes:	Not available
Roll Widths (mm):	1270, 1524
Roll Lengths (mtrs):	50
Log Cutting:	Not possible
Standard Core:	76mm ID
Sheet Cutting:	Not available



Durability

🏠 5 years

⌚ 2 years

## Printing

Method:	Digital inkjet and screen printing
Printable Sides:	1 side, outside
Ink Suitability:	Mild and true solvent, latex & UV cured



Eco Response

- Certifications
- VCA Product Stewardship
- Heavy Metal Free
- PVC Free
- Recyclable
- Yes
- Safety Compliance
- Reach, EN-71, RoHs

## Basic Physical Data

Thickness:	0.20mm
Weight:	120gsm
Denier & Density:	150 x 150 denier
Gloss Level:	Matte

## Thermal Data

Heat Resistance:	150°C
Cold Resistance:	-10°C
Shrinkage:	± 2% (ASTM – D257)

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## Physical Characteristics

<b>Tearing Strength</b>	MD=18.76 CD=14.7 kg/mm <sup>2</sup>
<b>Thickness</b>	0.2 mm (7.8 mil) ± 5%
<b>Weight</b>	120 grams per m <sup>2</sup> ± 5%
<b>Yarn / Scrim</b>	150 x 150 denier
<b>Tensile Strength</b>	793 kgs/mm <sup>2</sup> in MD, 583 kgs/mm <sup>2</sup> in CD.
<b>Surface Tension</b>	42 Dyne/cm <sup>3</sup>
<b>Surface Finish</b>	Matte
<b>UV Stabilized</b>	Yes

## 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>	✗

