

ROTEX Signage Textiles

Rotex Heavy
Outdoor Soft Signage & Banners
SEC450

ROTEX HEAVY is a 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 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 |
| Surface Treatment: | Flame retardant treated |
| Storage Conditions: | Store at 22°C 50 ~ 55% RH |
| Shelf Life: | 2 years from date of manufacture |

Certifications

- Application
- Soft banners & signs
- Manufacturing
- ISO9001

Weight

- 261 grams per m² ± 5%

Stock Availability

| | |
|----------------------|-------------------------------------|
| Sheet Sizes: | Not available |
| Roll Widths (mm): | 915, 1270, 1524 (up 2500 on indent) |
| Roll Lengths (mtrs): | 23 or 46 |
| Log Cutting: | Not possible |
| Standard Core: | 76mm ID |
| Sheet Cutting: | Not available |

Durability

-  5 years
-  2 years

Printing

| | |
|------------------|--|
| Method: | Most solvent, UV curable digital & screen print systems. |
| 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: | 0.35mm |
| Weight: | 261gsm |
| Denier & Density: | 450x450 denier |
| Gloss Level: | Matte |

Thermal Data

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

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Physical Characteristics

| | |
|-------------------------|---|
| Tearing Strength | MD=92.5 CD=84.3 kg/mm ² |
| Thickness | 0.35 mm (13.7 mil) ± 5% |
| Weight | 261 grams per m ² ± 5% |
| Yarn / Scrim | 450 x 450 denier |
| Tensile Strength | 1800 kgs/mm ² in MD, 1300 kgs/mm ² in CD. |
| Surface Tension | 42 Dyne/cm ³ |
| Surface Finish | Matte |
| UV Stabilized | Yes |

Finishing

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