

ROBAN Banner Vinyls

Ultra
Double Sided Blockout Banners
BLX440

ULTRA is a two sided, smooth matte, PVC coated, reinforced blockout banner vinyl with a UV resistant print formulation and a high tensile woven high density yarn designed for high resolution double sided images displayed in high strength indoor sign & banner applications. A black centre layer is provided to restrict the effect which light transmission has on the graphic appearance and the surface coating thickness prevents the inner scrim to be visible though the printed image. It's dimensional stability assists with its ability to drape well.



Quality

Economy

▶ Performance

Premium

Product information

| | |
|---------------------|--|
| Composition: | High tensile woven polyester yarn knife coated with PVC resin on 2 sides |
| Main Applications: | Indoor signage, banners, pull-up displays. |
| Features: | Blockout, excellent layflat, ultra smooth surface, scrimless appearance after printing, high resolution, low curl. |
| Benefits: | Highest image quality, ease of printing, processing & durability, visual appearance |
| Formulation: | Anti-static, UV stabilized, Fire Retardant |
| Storage Conditions: | Store at 22°C 50 ~ 55% RH |
| Shelf Life: | 12 months from date of manufacture |

Certifications

Application

- Closely viewed, high quality indoor 2 sided banners

Manufacturing

- ISO9001

Weight

- 440 grams per m² ± 5%

Stock Availability

| | |
|----------------------|--|
| Sheet Sizes: | See Sheet Cutting |
| Roll Widths (mm): | 1370, 1600, 1830, 2040, 2500, 3200mm. |
| Roll Lengths (mtrs): | 50 metres (all sizes), 100 metres (for 1370mm & 1600mm). |
| Log Cutting: | Up to 3200mm widths |
| Standard Core: | 76mm ID |
| Sheet Cutting: | up to 3200mm x 1830mm |

Durability

6 years

3 years

Printing

| | |
|------------------|--|
| Method: | Most solvent, UV curable digital & screen print systems. |
| Printable Sides: | Bothsides |
| Ink Suitability: | Solvent, UV & Screen |

Eco Response

Certifications

- VCA Product Stewardship

Heavy Metal Free

- Compliant, non-toxic

Recyclable

- Yes

Safety Compliance

- Reach, EN-71, RoHs

Basic Physical Data

| | |
|-------------------|---------------------------------------|
| Thickness: | 0.35mm |
| Weight: | 440gsm |
| Denier & Density: | Denier 300x300 - Density (cm) 42 x 40 |
| Gloss Level: | Matte |

Thermal Data

| | |
|------------------|--------|
| Heat Resistance: | 70 °C |
| Cold Resistance: | -30 °C |

ASK
US

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Physical Characteristics

| | |
|----------------------------|--|
| Tearing Strength | MD=5.0KG, CD=5.0KG |
| Flame Retardant | NFPA-701 DIN4102-B1 |
| Environmental | EN-71, RoHS |
| Welding Adhesion | 4.0 Kg/5cm |
| Coating Adhesion | 142.1 N/50mm |
| Thickness | 0.35 mm (13.7 mil) ± 5% |
| Weight | 440 grams per m ² ± 5% |
| Yarn / Scrim | Denier = 300x300 Dtex = 330x330 |
| Tensile Strength | 120 kgs/50mm in MD, 95 kgs/50mm in CD. |
| Density / Threads | Per Inch = 42x40 Per cm=17x16 |
| Elongation at Break | MD=25.3% CD=27 |
| Adhesion Strength | 8 kgs/50mm in both MD and CD |
| Surface Tension | 42 Dyne/cm ³ |
| Surface Finish | Matte |
| UV Stabilized | Yes |

Finishing

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