

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 through 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
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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