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.



Performance

Premium



High tensile woven polyester yarn knife coated with PVC resin on 2 Composition:

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



Application

· Closely viewed, high quality indoor 2 sided banners

Manufacturing

• ISO9001



• 440 grams per m² ± 5%

Durability

6 years

Eco Response

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



Certifications

• VCA Product Stewardship

Heavy Metal Free

· Compliant, non-toxic

Recyclable

No

Safety Compliance

• Reach, EN-71, RoHs



Method: Most solvent, UV curable digital & screen print systems.

Printable Sides: **Bothsides**

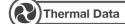
Ink Suitability: Solvent, UV & Screen

Basic Physical Data

0.35mm Thickness: Weight: 440gsm

Denier & Density: Denier 300x300 - Density (cm) 42 x 40

Gloss Level: Matte



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



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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) \pm 5% Weight 440 grams per m² \pm 5%

 $\begin{array}{ll} \textbf{Yarn / Scrim} & \textbf{Denier} = 300 \text{x} 300 \ \textbf{Dtex} = 330 \text{x} 330 \\ \textbf{Tensile Strength} & 120 \ \text{kgs/50mm in MD, 95 kgs/50mm in} \\ \end{array}$

MD=25.3% CD=27

CD.

Density / Threads Per Inch = 42x40 Per cm=17x16

Elongation at

Break

8 kgs/50mm in both MD and CD

Adhesion Strength

Surface Tension 42 Dyne/cm3

Surface Finish Matte UV Stabilized Yes



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

