

ROBAN Banner Vinyls

Sigtuff Blackback
Single Sided Blockout Banners
FLS440BW

SIGTUUFF BLACKBACK is a PVC laminated reinforced blockout banner vinyl with a UV resistant print formulation and a high tensile knitted yarn ideal for long viewed, high resolution single sided images displayed in high strength indoor or outdoor sign & banner applications. A black film layer is provided on the back to restrict the effect which light transmission has on the graphic appearance.



Quality

Economy



Performance

Premium



Product information

Composition:	PVC film lam-coated to high tensile knitted polyester yarn
Main Applications:	High strength long viewed single sided blockout banners, billboard & building skins, hoarding graphics & real-estate boards
Features:	Frontlit, excellent lay-flat & strength, modified print surface, black back
Benefits:	Reliable print & finishing capabilities with durability, strength and minimal light transmission
Surface Treatment:	Corona
Formulation:	Anti-static, UV stabilized, Fire Retardant
Storage Conditions:	Store at 22°C 50 ~ 55% RH
Shelf Life:	12 months from date of manufacture



Stock Availability

Sheet Sizes:	See Sheet Cutting
Roll Widths (mm):	1370, 1600, 2040, 2500, 3200
Roll Lengths (mtrs):	50
Log Cutting:	Up to 3200mm widths
Standard Core:	76mm ID
Sheet Cutting:	up to 3200mm x 1830mm



Printing

Method:	Most solvent, UV curable digital & screen print systems.
Printable Sides:	One, wound facing inside of roll
Ink Suitability:	Solvent, UV & Screen



Basic Physical Data

Thickness:	0.37mm
Weight:	440gsm
Denier & Density:	Denier 1000x1000 - Density (cm) 9 x 9
Gloss Level:	High Gloss



Thermal Data

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



Certifications

Application

- Blockout banners and billboard skins

Manufacturing

- ISO9001



Weight

- 440 grams per m² ± 5%



Durability



6 years



3 years



Eco Response

Certifications

- VCA Product Stewardship

Heavy Metal Free

- Compliant, non-toxic

Recyclable

- No

Safety Compliance

- Reach, EN-71, RoHs

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Physical Characteristics

Tearing Strength	MD=20KG, CD=15KG
Flame Retardant	NFPA-701 DIN4102-B1
Environmental	EN-71, RoHS
Welding Adhesion	8.0 Kg/5cm
Coating Adhesion	142.1 N/50mm
Thickness	0.40 mm (15.7 mil) ± 5%
Weight	440 grams per m ² ± 5%
Yarn / Scrim	Denier = 1000x1000 Dtex = 1100x1100
Tensile Strength	239 kg/5cm in MD, 216 kg/5cm in CD
Density / Threads	Per Inch = 9x9 Per cm=4x4
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	High Gloss
UV Stabilized	Yes

Finishing

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