

ROBAN Banner Vinyls

Signskin Blackback
Single Sided Blockout Banners
FLK280



SIGNSKIN BLACKBACK is a lightweight PVC laminated reinforced black-backed banner vinyl with a UV resistant print formulation and a high tensile knitted yarn making it ideal for long viewed, high resolution, single sided images displayed in high strength indoor or supported outdoor sign & banner applications. Mainly used for billboard skins printed in high speed print modes whereby ink-to-surface compatibility should be well balanced. Also used where weight reduction are important for installation and to reduce transport costs.



Economy

Performance

Premium

Product information

Composition:	Calendered PVC film lam-coated to high tensile knitted polyester yarn
Main Applications:	Mid strength long viewed single sided blockout banners, billboard & building skins and hoarding graphics
Features:	Frontlit, excellent lay-flat & strength, modified print surface, black back
Benefits:	Reliable print & finishing capabilities with optimum weight, durability & strength
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

Certifications

Application

- Blockout banners & billboard skins

Manufacturing

- ISO9001

Weight

- 280 grams per m² ± 5%

Stock Availability

Sheet Sizes:	See Sheet Cutting
Roll Widths (mm):	3200, 3500, 4200, 5000
Roll Lengths (mtrs):	110
Log Cutting:	Up to 5000mm 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:	One, wound facing inside of roll
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

Weight:	280 gsm
Denier & Density:	Denier 500x500 - Density (cm) 9 x 9
Gloss Level:	High Gloss

Thermal Data

Heat Resistance:	70 °C
Cold Resistance:	-20 °C

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Physical Characteristics

Tearing Strength	MD=200N, CD=150N
Flame Retardant	NFPA-701 DIN4102-B1
Environmental	EN-71, RoHS
Welding Adhesion	8.0 Kg/5cm
Coating Adhesion	60 N/5cm (DIN53352 BS3424)
Thickness	0.25 mm (10 mil) \pm 5%
Weight	280 grams per m ² \pm 5%
Yarn / Scrim	Denier = 500x500 Density 9x9
Tensile Strength	1050 N/5cm in MD 900 N/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