

ROBAN Banner Vinyls

IJet Premium
Single Sided Banners
IJET510

IJET PREMIUM is a UV resistant, PVC coated, smooth satin surfaced reinforced banner vinyl exhibiting a scrimless appearance after printing. It is ideal for closely viewed, high resolution images used in high strength indoor or outdoor sign & banner applications. It's softer coating gives a more supple & flexible feel and is dimensionally stable, draped well and is more visually appealing.



Quality

Economy

Performance



Premium



Product information

Composition:	High tensile woven polyester yarn knife coated with PVC resin
Main Applications:	High print quality, close viewed banners
Features:	Frontlit, excellent layflat, smooth surface, high resolution, low curl.
Benefits:	Highest image quality, ease of printing, processing & durability
Formulation:	Anti-static, UV stabilised, 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 banners

Manufacturing

- ISO9001



Stock Availability

Sheet Sizes:	See Sheet Cutting
Roll Widths (mm):	1370, 1600, 1830, 2040, 2500, 3200, 4200
Roll Lengths (mtrs):	50
Log Cutting:	Up to 4200mm 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:	0.43mm
Weight:	510gsm
Denier & Density:	Denier 1000x1000 - Density (cm) 18 x 18
Gloss Level:	Satin



Thermal Data

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



Weight

- 510 grams per m² ± 5%



Durability



6 years



3 years



Eco Response

Certifications

- VCA Product Stewardship

Heavy Metal Free

- Compliant, non-toxic

Recyclable

- Yes

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	0.43 mm (16.9 mil) \pm 5%
Weight	510 grams per m ² \pm 5%
Yarn / Scrim	Denier = 1000x1000 Dtex = 1100x1100
Tensile Strength	239 kg/5cm in MD 216 kg/5cm in CD
Density / Threads	Per Inch = 18x18 Per cm=7x7
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	Satin
UV Stabilized	Yes

Finishing

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