

ROBAN Banner Vinyls

IJet Premium Latex
Single Sided Banners
LX510

IJET PREMIUM LATEX 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. This product has been engineered to suit latex printers & their ink.



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 stabilized, Fire Retardant
Storage Conditions:	Store at 22°C 50 ~ 55% RH
Shelf Life:	12 months from date of manufacture
Remarks:	HP latex suitable

Certifications

- Application
- Closely viewed, high quality banners
- Manufacturing
- ISO9001

Weight

- 510 grams per m² ± 5%

Stock Availability

Sheet Sizes:	See Sheet Cutting
Roll Widths (mm):	1370, 2500 & 3200
Roll Lengths (mtrs):	50
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, Latex, UV curable digital & screen print systems.
Printable Sides:	One, wound facing inside of roll
Ink Suitability:	Solvent, Latex, UV & Screen

Eco Response

- Certifications
- VCA Product Stewardship
- Heavy Metal Free
- Compliant, non-toxic
- Recyclable
- No
- Safety Compliance
- Reach, EN-71, RoHs

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

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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) ± 5%
Weight	510 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 = 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