# ROBAN Banner Vinyls

## Optima Latex
## Double Sided Blockout Banners
## LX580

**RojoPacific**
LARGE FORMAT PRINTING MATERIALS

OPTIMA LATEX is a UV resistant, PVC coated, smooth satin surfaced reinforced blockout banner vinyl exhibiting a scrimless appearance after printing making it ideal for closely viewed, high resolution images used in high strength indoor or outdoor sign & banner applications. Its softer coating gives a more supple & flexible feel and is dimensionally stable, drapes well and is more visually appealing. This product has been engineered to suit latex printers & their inks.

## Quality

Economy

Performance

➤ Premium

## Product information

| | |
|---|---|
| Composition: | High tensile woven polyester yarn knife coated with PVC resin on 2 sides |
| Main Applications: | Double sided closely viewed pole and drop banners requiring minimal scrim visibility |
| Features: | Two sided smooth surface, excellent white point & blockout layer |
| 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 |

## Stock Availability

| | |
|---|---|
| Sheet Sizes: | See Sheet Cutting |
| Roll Widths (mm): | 1370, 1600, 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, Latex, UV curable digital & screen print systems |
| Printable Sides: | Bothsides |
| Ink Suitability: | Solvent, Latex, UV & Screen |

## Basic Physical Data

| | |
|---|---|
| Thickness: | 0.40mm |
| Weight: | 580gsm |
| Denier & Density: | Denier 500x500 - Density (cm) 28 x 28 |
| Gloss Level: | Matte |

## Thermal Data

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

## Certifications

Application
- Closely viewed, high quality 2 sided banners

Manufacturing
- ISO9001

## Weight

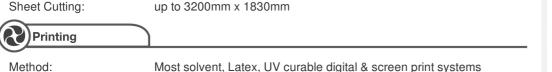- 580 grams per m² ± 5%

## 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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ASK US

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## Physical Characteristics

| | |
|---|---|
| **Tearing Strength** | MD=18.6KG, CD=14.5KG |
| **Flame Retardant** | NFPA-701 DIN4102-B1 |
| **Environmental** | EN-71, RoHS |
| **Welding Adhesion** | 7.5 & 6.2 Kg/5cm |
| **Coating Adhesion** | 142.1 N/50mm |
| **Thickness** | 0.40 mm (15.7 mil) ± 5% |
| **Weight** | 580 grams per m² ± 5% |
| **Yarn / Scrim** | Denier = 500x500 Dtex = 550x550 |
| **Tensile Strength** | 195 kg/5cm in MD 159 kg/5cm in CD |
| **Density / Threads** | Per Inch = 28x28 Per cm=11x11 |
| **Adhesion Strength** | 8 kgs/50mm in both MD and CD |
| **Surface Tension** | 42 Dyne/cm3 |
| **Surface Finish** | Matte |
| **UV Stabilized** | Yes |

## Finishing

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

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