



**Rojo Pacific**  
LARGE FORMAT PRINTING MATERIALS

# ROLIGHT Lightbox Products

Transflex  
Lightbox Banners  
BFLEX500

TRANSFLEX is a UV resistant, PVC coated & smooth surface reinforced banner vinyl with a translucent formulation. It exhibits a semi-scrimless appearance after printing making it ideal for closely viewed & long distance high resolution light-box banner skins. It's softer coating gives a more supple & flexible feel and is more dimensionally stable, will finish & tension well and remain visually appealing in it's application

## Quality

Economy

**▶ Performance**

Premium

## Product information

Composition:	High tensile woven polyester yarn knife coated with PVC resin
Main Applications:	High print quality, close viewed light box banners
Features:	Translucent resin, smooth coated, semi-scrimless & round yarn
Benefits:	High 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

## Certifications

Application

- Backlit billboard & airport light-box skins

Manufacturing

- ISO9001

## Stock Availability

Sheet Sizes:	See sheet cutting
Roll Widths (mm):	3200, 4200 & 5000
Roll Lengths (mtrs):	50
Log Cutting:	Up to 5000mm width
Standard Core:	76mm ID
Sheet Cutting:	Up to 3200mm x 1830mm

## Weight

- 500 grams per m<sup>2</sup> ± 5%

## Printing

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

## Durability

6 years

3 years

## Basic Physical Data

Thickness:	0.39mm
Weight:	500gsm
Denier & Density:	Denier 1000x1000 - Density (cm) 18 x 18
Gloss Level:	Gloss

## Eco Response

Certifications

- VCA Product Stewardship

Heavy Metal Free

- Compliant

Recyclable

- Yes

Safety Compliance

- Reach, EN-71, RoHs

## Thermal Data

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

**ASK  
US**



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## Physical Characteristics

<b>Tearing Strength</b>	MD=33KG, CD=22KG
<b>Flame Retardant</b>	NFPA-701 DIN4102-B1
<b>Environmental</b>	EN-71, RoHS
<b>Welding Adhesion</b>	8.0 Kg/5cm
<b>Coating Adhesion</b>	142.1 N/50mm
<b>Thickness</b>	0.39 mm (15.36 mil) ± 5%
<b>Weight</b>	500 grams per m <sup>2</sup> ± 5%
<b>Yarn / Scrim</b>	Denier = 1000x1000 Dtex = 1100x1100
<b>Tensile Strength</b>	270 kg/5cm in MD 220 kg/5cm in CD
<b>Density / Threads</b>	Per Inch = 18x18 Per cm=7x7
<b>Elongation at Break</b>	MD=22 % CD=26 %
<b>Adhesion Strength</b>	8 kgs/50mm in both MD and CD
<b>Surface Tension</b>	42 Dyne/cm <sup>3</sup>
<b>Surface Finish</b>	Gloss
<b>UV Stabilized</b>	Yes, to maximum concentration

## Finishing

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