ROLIGHT Lightbox Products

Transflex
Lightbox Banners
BFLEX500

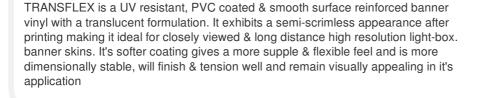




Economy

Performance

Premium





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



Application

Backlit billboard & airport light-box skins

Manufacturing

• ISO9001



• 500 grams per m² ± 5%



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





6 years



3 years



Certifications

• VCA Product Stewardship

Heavy Metal Free

Compliant

Recyclable

Yes

Safety Compliance

• Reach, EN-71, RoHs



Method: Most solvent, UV curable digital & screen print systems

Printable Sides: One, wound facing inside of roll

Ink Suitability: Solvent, UV, Sceen

Basic Physical Data

Thickness: 0.39mm Weight: 500gsm

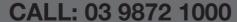
Denier & Density: Denier 1000x1000 - Density (cm) 18 x 18

Gloss Level: Gloss



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



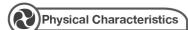




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Tearing Strength MD=33KG, CD=22KG **Flame Retardant** NFPA-701 DIN4102-B1

Environmental EN-71, RoHS **Welding Adhesion** 8.0 Kg/5cm **Coating Adhesion** 142.1 N/50mm

Thickness 0.39 mm (15.36 mil) \pm 5% Weight 500 grams per m² \pm 5% Yarn / Scrim Denier = 1000x1000 Dtex =

1100x1100

Tensile Strength 270 kg/5cm in MD 220 kg/5cm in CD Density / Threads Per Inch = 18x18 Per cm=7x7

Elongation at MD=22 % CD=26 %

Break

Adhesion Strength 8 kgs/50mm in both MD and CD

Surface Tension 42 Dyne/cm3

Surface Finish Gloss

UV Stabilized Yes, to maximum concentration



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