



**Rojo Pacific**  
LARGE FORMAT PRINTING MATERIALS

# ROLIGHT Lightbox Products

Polytrans UV  
Lightbox Films  
XTL229

POLYTRANS UV is translucent white polypropylene film designed for short term high resolution printed images used in indoor & outdoor light boxes. It has optimum light transmission to provides great looking backlits and is extremely durable, resistant to water and tearing.



Quality

Economy

Performance

Premium

## Product information

Composition:	High density polypropylene
Main Applications:	Indoor / outdoor backlit posters and displays
Features:	Translucent formulation & colour, highly durable & surface treated
Benefits:	Optimum backlit viewing, good lay-flat, print adhesion and image quality. Excellent durability and water resistance.
Surface Treatment:	Corona both sides
Formulation:	UV Stabilized, anti-static.
Storage Conditions:	Store at 22°C 50 ~ 55% RH
Shelf Life:	2 years from date of manufacture
Remarks:	Recycler details available upon request

## Certifications

Application

- Light-box Posters

Manufacturing

- ISO9001, ISO14001

## Weight

- 229 grams per m<sup>2</sup> ± 5%

## Stock Availability

Sheet Sizes:	See sheet cutting
Roll Widths (mm):	1320 & 1570
Roll Lengths (mtrs):	100 & 800
Log Cutting:	Up to 1570mm
Standard Core:	76mm ID & 152mm ID
Sheet Cutting:	Up to 3200mm x 1570

## Durability

5 years

2 years

## Printing

Method:	UV cured digital & screen print systems
Printable Sides:	One, wound facing outside
Ink Suitability:	UV cured inkjet & screen

## Eco Response

Heavy Metal Free

- Yes

Recyclable

- Yes

Safety Compliance

- Reach, RoHS

## Basic Physical Data

Thickness:	0.20mm
Weight:	229 gsm
Gloss Level:	Matte

## Thermal Data

Heat Resistance:	85°C
Cold Resistance:	-30°C
Shrinkage:	± 1%

ASK  
US



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## Physical Characteristics

<b>Transmittance</b>	12↓ (ASTM – D1003)
<b>Roughness</b>	Outside 15 ~ 35, Inside 25 ~ 60 (JIS –B0601)
<b>Thickness</b>	0.20 mm (7.8 mil) ± 5%
<b>Weight</b>	229 grams per m <sup>2</sup> ± 5%
<b>Tensile Strength</b>	MD=4100 ↑ CD=3000 ↑ (ASTM – D638)
<b>Elongation at Break</b>	MD=600 ↑ CD=350 ↑ (ASTM – D638)
<b>Gloss Level</b>	2 ~ 5 (ASTM – D523)
<b>Surface Finish</b>	Matt
<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>	✗
<b>Punching</b>	✓
<b>Drilling</b>	✓
<b>Screwing</b>	✓
<b>V-Grooving</b>	✗