

# RODURE Poster Films

Ublock Lite  
Double Sided Posters & Displays  
UBO220

UBLOCK LITE is a white, semi-rigid, low density polypropylene synthetic laminated structure with an ink receptive primer coating on both sides and a 100% light blocking centre layer. It is suitable for a large range of high print quality / closely viewed & durable two side printed applications requiring minimal curl plus resistance to tearing, water, premature breakdown or yellowing due to ultra-violet light exposure.



Quality

Economy

▶ Performance

Premium

## Product information

Composition:	Polypropylene film + gravure primer coating + blockout core
Main Applications:	Double sided posters & banner stands skins
Features:	Excellent whiteness and opacity, laminated, tear & water resistant, 100% blockout
Benefits:	Reliable printing, high durability / long lasting, minimal curl, visually appealing
Surface Treatment:	Corona & ink receptive primer
Formulation:	UV stabilized, anti-static treated
Storage Conditions:	22°C 50 ~ 55% RH
Shelf Life:	2 years from date of manufacture
Remarks:	Printing conditions: 18 ~ 25°C temperature, 30 ~ 50 % RH

## Stock Availability

Sheet Sizes:	See Sheet Cutting
Roll Widths (mm):	1370 & 1600
Roll Lengths (mtrs):	50 & 300
Log Cutting:	Not recommended
Standard Core:	76mm ID and 152mm ID
Sheet Cutting:	up to 3200mm x 1600mm

## Printing

Method:	UV Offset, Screen & Digital
Printable Sides:	Bothsides
Ink Suitability:	UV cured systems

## Basic Physical Data

Thickness:	0.20mm
Weight:	165 ~ 175 gsm
Gloss Level:	Matte

## Thermal Data

Heat Resistance:	85°C
Cold Resistance:	-20°C
Shrinkage:	± 1%

## Certifications

- Application
- Low curl two sided posters & banners
- Manufacturing
- ISO9001, ISO14001

## Weight

- 165 ~ 175 gsm

## Durability

- 10 years
- 2 years

## Eco Response

- Heavy Metal Free
- Yes
- Recyclable
- Yes
- Safety Compliance
- RoHS, Reach

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## Physical Characteristics

<b>Tearing Strength</b>	MD : $\geq 135$ Mpa / TD : $\geq 20$ Mpa
<b>Whiteness</b>	37.94 / -1.45
<b>Transmittance</b>	100% Blockout
<b>Roughness</b>	10 ~ 30 (outside) 25 ~ 60 (inside)
<b>Thickness</b>	220 microns
<b>Weight</b>	165 ~ 175 gsm
<b>Tensile Strength</b>	MD : $\geq 140$ MPa / TD : $\geq 30$ Mpa
<b>Elongation at Break</b>	MD: $\geq 5\%$ / TD: $\geq 2\%$
<b>Surface Tension</b>	46 Dyne/cm <sup>3</sup>
<b>Gloss Level</b>	2 ~ 5 (ASTM – D523)
<b>Surface Finish</b>	Matte
<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>	✗