

Technical Fact Sheet



Rolight Backlit PET

Rolight Backlit PET Matt is a translucent white PET film designed for all types of backlit display applications, with the printable surface on the outer face. Featuring a matt finish for reduced glare and compatible with solvent, eco-solvent, UV, and latex wide-format printers, it delivers excellent colour vibrancy for retail lightboxes and illuminated signage.



Important Note

All values presented in this data sheet provide the general characteristics of the product. It is the responsibility of the customer and/or end user to determine that the product is fit for the specific application it is to be used for.

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Storage

The material must be stored at a temperature of 22°C +/- 2°C and 50% +/- 5% of relative humidity. Do not expose to direct sunlight. The area must be dry and clean. Please keep the material in the original packaging when not used in order to protect it from dust and contaminations.

Print Process

Ink Compatibility:

- Solvent
- Eco Solvent
- UV Curable Inkjet
- Latex

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Technical Data

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Properties	Unit	Result
Weight	GSM	300
Thickness	Um	210
Haze	%	2
Heat Shrinkage	%	0.5
Tensile Strength Kg/mm ² 18 (ASTM D 882)		
Elongation	%	185 (ASTM D 882)

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Base Material: Polyester (PET)

Colour: White translucent print surface

**Outdoor
Life:**

General life time refers to the durability of the unprinted material when subject to vertical exposure in temperate, non-extreme conditions. Actual performance life will depend on media and surface preparation and exposure conditions. For example the direction and angle of the sign; in areas of long, high temperature exposure; in areas of high pollution or high altitudes, outdoor performance will be decreased.