

## Films

Toner

**Water**

(eco) Solvent

UV Curable

Latex

# 1514C Water Resistant Matte PP Film

## 155 g/m<sup>2</sup>

### Product Description

Water-resistant, matt-coated polypropylene film, for indoor and outdoor use.

### Physical Properties

Weight	115 g/m <sup>2</sup>	ISO 536	Chromaticity C /2°	L*98.0, a*-0.5, b*2.5	ISO 13655
Caliper:	155 µm	ISO 534	Opacity	90%	ISO 2471
Gloss 60°	2,3%	ISO 13655			

All values are target values

### Applications/features

Indoor & Outdoor media for Display Signs, Banners and Posters  
Water Resistant up to 6 Months when used outdoors  
Excellent colour reproduction  
Deeper black density providing detailed gradation of shadows  
Warm colours and grey tones are easily replicated  
Outstanding quality and fade resistance

### Available Widths (mm)

2"core 610 914 1067 1372

Refer for our current offering to [www.canon-europe.com/mediaguide](http://www.canon-europe.com/mediaguide)

### Storage Conditions

Shelf life 2 year. Store paper only in original boxes, out of direct sunlight and under normal climatic conditions (23 °C, 50% RH) until ready to use. Allow material to adapt to room conditions before use. Papers can absorb moisture in humid conditions or lose moisture in low humidity conditions. Highly humid conditions can make the ink drying time longer and this could interfere with proper laminate adhesion.

### Print Conditions

Best results are obtained between 15-25°C and 35-65% RH.  
For optimum results select the best possible print settings - Operation Panel: Water Res Matte PP / Printer Driver: Canon WaterResistantMattePP.  
Refer to printer specifications.

### Environment, Health & Safety

No Material Safety Data Sheet required.

### Lamination Compatibility

Cold	Warm	Hot	Cold: pressure sensitive
no	no	no	Warm: heat activated: 85°C - 95°C
			Hot: heat activated: 105°C -130°C

### Outdoor Use

Canon Water Resistant Matte Polypropylene is recommended for outdoor use.

### Colour Profiles

Canon develops high-quality colour profiles for media / ink / printer / RIP combinations. Check availability of profiles for your printer on [www.canon-europe.com/mediaguide](http://www.canon-europe.com/mediaguide)

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**Processing  
Guidelines****Printing guidelines**

Allow material to adapt to room conditions for 24 hours before printing. It is recommended to handle the media with cotton gloves. Make sure that the media does not come into contact with grease, oil, silicon, and dirt to avoid printing defects.

Load the media with care in the printers. Incorrect loading can cause skewing or creasing. Use a take-up device to prevent wrinkling.

It is recommended to calibrate the printer before printing and to make a test print. Print results will vary for different printer/ink combinations.

Canon Colour profiles include recommended settings for ink restrictions and printer parameters. Depending on fluctuations in environment, printer, ink, media and applications, printer parameters may have to be adjusted slightly, in order to obtain the best results.

For high-speed production printing, using an external drying unit is recommended.

**Description/Application**

Water Resistant Matte Polypropylene is synthetic-based poster paper that surpasses conventional aqueous inkjet paper in weather (water, photo-degradation, and gas) resistance when used with Canon's own genuine pigment-based inks, making it ideal for prints intended for outdoor display.

Conventional aqueous inkjet paper requires lamination for use in outdoor displays, but Water Resistant Matte Polypropylene is an enhanced aqueous inkjet paper that allows long-lasting outdoor display for up to 6 Months without the addition of lamination. Offering a solution for those who have given up on in-house production of outdoor posters until now, this paper allows easy creation of outdoor posters and displays.

Water Resistant Matte Polypropylene includes an ink-receiving layer that consists of a binder with low water solubility. The vastly improved water resistance of the ink-receiving layer is achieved through this binder. The ink-receiving layer provides protection against ultraviolet rays in sunlight. This protects the pigment-based ink that has penetrated the ink-receiving layer and the base material below from photo-degradation.

Water Resistant Matte Polypropylene provides users with an ideal paper that is suitable for the reproduction of posters for indoor and outdoor use, in combination with "LUCIA PRO inks", a pigment ink, colour reproduction and deeper black density provides detailed gradation of shadows and image longevity is achieved when used outdoor for periods of up to 6 months.

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**Standard disclaimer:**

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