

# 4999B Front Print Backlit Film

## 230 µm

Toner
<b>Water</b>
(eco) Solvent
UV Curable
Latex

### Product Description

This product is a single-side coated, transparent polyester film with a matte coating. It is designed for high quality graphic arts applications on inkjet printers. This product is also suitable for areas with high humidity and condensation when pigmented ink are used. The product has an increased opacity to allow good contrast also with front-light or bright back-light sources.

### Physical Properties

Thickness	230 µm	ISO 534	Opacity	0,75	ISO 2471
Weight	290 g/m <sup>2</sup>	ISO 536			

All values listed are target values

### Applications/features

Smooth surface  
 Immediate drying  
 Durable  
 Pigment ink compatible  
 Glossy side is antistatic  
 Water-resistant prints with pigmented inks

High quality graphic arts applications  
 Picture presentations in light boxes

### Available Widths (mm)

2" core	610	914	1067	1270	1524
---------	-----	-----	------	------	------

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

### Storage Conditions

Store by 23°C and 50% relative humidity. Store material in original packaging until ready to use. Allow material to adapt to room conditions before use.  
 Papers can absorb moisture in humid conditions or extend moisture in low humid conditions. High humid conditions make the ink dry longer and this could interfere with proper laminate adhesion. The packaging also protects against sunlight.

### Environment, Health & Safety

No Material Safety Data Sheet required.

### Lamination Compatibility

Cold	Warm	Hot	Cold: pressure sensitive Warm: heat activated: 85°C - 95°C Hot: heat activated: 105°C -130°C
yes	Yes	No	

### Shelf life

Two years from shipping date when stored under ideal conditions (see above)

### 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)

## Processing Guidelines

### Printing guidelines

Allow material to adapt to room conditions for 24 hours before printing. Side to be printed is the outer side of the roll.

Make sure that the media comes not into contact with grease, oil, silicon, and dirt to avoid printing defects. It is recommended to handle the media with cotton gloves.

Insert the film with care in the printer. Incorrect loading can cause skewing or creasing. It is recommended to calibrate the printer before printing and to make a test print.

Print results will vary for different printer ink combinations. Ink restrictions and printer settings should be set for specific printer-ink combinations to obtain the best results.

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

The product allows to use high ink-coverage without bleeding, but the drying time is increased when high ink-coverage is used. To reduce the drying time lower ink-settings have to be used. The use of dye inks can lead to premature fading of colors.

Recommended media settings on Canon printers:  
Operation Panel: Front Backlit F  
Printer Driver: Front Backlitfilm

### Application guidelines

To add surface protection from dirt and abrasion a pressure sensitive or warm laminate is recommended. A laminate also protects against gas-fading. As the media dries immediately, it can be laminated without waiting although to wait for about 3 hours before laminating is recommended. For mounting on a board, encapsulating an edge of 5-6 mm around the image is recommended. This prevents against moisture and splitting because of the tension of the laminate. If the laminate is not divided proper over the surface of the Film than this can cause curl.

Standard disclaimer:

All specifications subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.