

Toner
Water
(eco) Solvent
UVgel
Latex

# IJM153(C) SmartMatt Paper - FSC®

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

### Product Description

Bright white, matt barrier-coated paper with an ink receptive layer on the front and a balance coating on the reverse. A matt FSC-certified alternative to photo paper, optimized for pigment inks.

### Physical Properties

Thickness	190 µm	ISO 534	Whiteness	145 CIE	ISO 11475
Weight	180 g/m <sup>2</sup>	ISO 536	Chromaticity L*; a*; b*	96,0; 4,0; -13,0	DIN 6174
Opacity	98 %	ISO 2471			

All values listed are target values

### Applications/ Features

Indoor signage (posters, point of purchase)  
Presentations and exhibitions  
Short-term outdoor signage (outdoor inks)

High quality, bright white, matt-coated surfaces  
Excellent print quality with high colour density  
Suitable for dye and pigment inks  
No wet cockling, due to barrier layer  
Fast drying, water resistant  
FSC® certified  
Good lamination properties  
Product is made from ISO9706 certified paper

### Available Widths (mm)

2" core	610	914								
3" core (C)	594	610	841	914	1067	1270	1372	1524		

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

### Storage Conditions

Shelf life: 1 year, Temperature 10-30°C, Relative Humidity 20-70%  
Repack opened rolls when not in use.

### Print Conditions

Best results are obtained between 15-25°C and 30-65% RH.

### Environment, Health & Safety

No Material Safety Data Sheet required. Paper waste suitable for recycling in most countries. Please refer to local recycle station.

### Lamination Compatibility

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

### Outdoor Use

This coated paper is developed for indoor use. Limited outdoor use possible. For details, see next page.

### 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)

### Environmental Certification



**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 paper 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 use of dye inks can lead to premature fading of colors

**Application guidelines**

The use of cold or warm laminates are recommended for the best results.

Allow the print to dry properly before to lamination. That is at least 24 hours. Too much ink can cause cockling which can cause problems with laminating. For mounting on a board, an encapsulating edge of 5-6mm around the image is recommended. This prevents against moisture and paper splitting because of the tension of the laminate. One sided lamination may cause curling. Use laminates of equal gauge when encapsulating to prevent image curl. Generally, lamination will only slightly improve UV resistance (pigmented inks should be used when UV resistance is required).

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