Fine Art Papers



# IJM272C Fine Art Superior Smooth Cotton Paper 320 g/m<sup>2</sup>

## **Product Description**

A heavyweight cotton paper with a luxurious feel, for classical art prints. No optical brighteners added, the acid-free paper base is made of 100% cotton. Together with the special coating it provides perfect sharpness, superior detail reproduction and excellent durability. This paper is FOGRA certified.

# Physical Properties

Thickness	490 μm	ISO 534
Weight	320 g/m <sup>2</sup>	ISO 536
Colour (I*; a*, b*)	96; 0; 3.3	ISO 13655

Opacity	> 98 %	ISO 2471
Brightness D65	75 CIE	ISO 2470-2
Paper ageing resistance	Fogra 28800	ISO9706
certification		

All values listed are target values

Applications/ features Fine Art prints Portfolio prints

Museum, exhibitions prints

Art reproductions

Superb black and white, sepia prints

100% cotton base Smooth matt finish

Acid free

No optical brighteners

Quick drying and excellent flatness, even with high ink usage

Damp and water resistant

Available Widths (mm)

3"core

Refer for our current offering to www.canon-europe.com/mediaguide

**Storage** Conditions

Temperature 10-30°C, Relative Humidity 35-65%

Repack opened rolls when not in use.

Print Conditions

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

Higher humidity will increase drying time. Low humidity may cause curling.

**Environment, Health & Safety** 

No Material Safety Data Sheet required.

**Lamination Compatibility** 

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

Outdoor Use This paper is not suitable 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 <a href="https://www.canon-europe.com/mediaguide">www.canon-europe.com/mediaguide</a>



### **Processing Guidelines**

#### **Printing guidelines**

Take great care when handling the material. Avoid touching the side to be printed and hold the material by the edges. We recommend that cotton gloves are worn to prevent the transfer of dirt, moisture and oils from the skin, as this can seriously impair the print quality.

Avoid folding, bending or rolling the material as this can cause problems in your printer.

Excess moisture or unsuitable temperatures can affect the flatness of the products and impede transport through the printer. This is not due to a product defect but is caused by the paper or cotton base material which tend to have a stronger reaction to atmospheric and climatic conditions than for example PE photo papers.

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 have to be set for specific printer-ink combinations to obtain the best results. Canon colour profiles will set recommended ink restrictions and printer-settings for Canon supported printers.

Best results are obtained when printing on top quality photo printers using water based dye or pigmented inks. Pigmented inks are particularly recommended due to their high fade resistance. During printing paperdust may be produced. This can be easily removed by running an uncoated standard paper through the printer.

### Application guide lines

Prints will feel dry immediately after print but this can be deceiving. However, the prints should be allowed time to dry so that moisture from deeper levels can escape. Please note that the drying time is highly dependent on the ambient conditions and the

type of ink. Pigmented inks require longer. A drying period of approx. 24 hours or at the very least overnight ensures sufficient drying which enables further processing of the material without any problems.

Do not use a hair dryer or direct sunlight to dry the prints quicker.

As with all photographic papers and inkjet media, prints should not be exposed to direct sunlight, humidity or extreme temperatures as this can have a negative effect on both picture and colour quality. We recommend the use of albums, folders or glass frames to ensure stored or exhibited printed sheets do not come into direct contact with air.

Adhesive tapes, plastic films, folders or furniture containing solvents may diffuse particles which can also change the durability and fastness of the print colour quality.

The fastness of the picture itself depends mainly on the inks used. Prints should only be stored or displayed indoors.

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