Toner
Water
(eco) Solvent
UV Curable
Latex

4281V Standard Paper FSC 80 g/m^2

Product Description

This high quality base paper is specially developed for use in the CAD and GIS environment. The optimal drying of the media offers the possibility for maximal production. It is the economical choice for the everyday monochrome line work and area fills

Physical Properties

Thickness	96 µm	ISO 534		Opacity	92%	ISO 2471
Weight	80 g/m2	ISO 536		Whiteness	161 CIE	ISO 11475

All values listed are target values

Applications/ features

Dye ink compatible	CAD
Smear resistant	Sharp lines
Quick drying	GIS

Available Widths (mm)

2" core	610	914	1067				

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

Storage Conditions

Store at 23ºC 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 lose moisture in low humidity conditions. High humidity conditions make the ink drying time 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
yes	yes	yes

Cold: pressure sensitive
Warm: heat activated: 85°C - 95°C
Hot: heat activated: 105°C -130°C

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

Environmental Certification

FSC
www.fsc.org
MIX
Paper from responsible sources
FSC® C008945

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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.
Too much ink will cause paper cockle and possible head strikes. The use of dye inks can lead to premature fading of colors.
Recommended media settings on Canon printers:
Operation Panel: Plain Paper
Printer Driver: Canon Plain Paper

Application guidelines

Hot or cold laminating is possible, although cold laminates are preferred because of the better adhesion. Images must be dry before laminating. 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. If the laminate is not spread evenly over the surface of the paper then this can cause curling problems.

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