

NovaJet™ Coated Paper 100

For thermal & piezo inkjet printing of architectural, engineering & construction drawings

Product Description & Application

NovaJet Coated Paper 100 (CPP 100) is top-coated with a matte colour-receptive layer for the printing of engineering drawings, architectural layouts & imposition proofs, GIS imaging & remote sensing applications.

Features & Benefits

- High image definition & line clarity for better resolution and sharpness.
- Superior whiteness for wide colour gamut & deep rich colours.
- High opacity for limited show-through.
- Quick drying for high productivity.

Product Specifications

- Base : Wood-free paper
- Weight : 100 gsm (\pm 5 gsm)
- Surface Finish : Matte
- Ink Compatibility : Water-based Dye & Pigment Inks
- Ink Limit : 200 %
- Shelf-life : One year from the date of manufacturing when stored in original packing, at 20 - 25° C and 50 % RH.
- Available Sizes : 610 mm x 45 mtrs; 914 mm x 45 mtrs

Compatibility with Water-based Dye & Pigment Inks

Ink Type	PRINTER																
	Encad			HP						Roland	Epson				Canon		
	500, 600 & 700 Series	850 Series	1000i & 1200i Series	DesignJet 120 / 130 Series	DesignJet 430 / 750	DesignJet 1xx / 5xx / 8xx	DesignJet 1xxx / 4xxx	DesignJet 2xxx / 3xxx / 5xxx	DesignJet Z2100 / Z3100 / Z6100	Hi-fi Jet Series & Super Hi-fi Jet	Stylus 7000 / 9000 / 10000	Stylus 7500 / 9500	Stylus 4000 / 7600 / 9600 / 10600	Stylus 10000 CF	Stylus 4800 / 7800 / 9800	Image Pro Graph 6200 / 8200	Image Pro Graph 6400 / 8400
Dye	★	★	★	-	★	★	★	★	-	★	×	-	-	-	-	★	-
Pigment	×	×	×	-	×	×	×	×	×	×	-	★	★	★	★	-	×

★ Superior Compatibility × Non Compatibility ⊙ Under Testing - Not Applicable ⊗ Not Tested

◆ Tested with Original Inks.

◆ While printing on dye-based ink compatible media using HP DesignJet Printer Models 1xx / 5xx / 8xx & 430 / 750, 1xxx / 4xxx, use "PhotoGloss" media profile for printing.

⊠ The Epson Stylus 4000 / 7600 / 9600 / 10600 series are tested with UltraChrome Inks and Epson Stylus 4800 / 7800 / 9800 with K3 inks respectively.

Durability in indoor conditions

- The durability of the printed image is dependent on the fading characteristics of the inks used. Please consult the ink manufacturer for technical advice.
- If the printed graphics are likely to be exposed to corrosive liquids, smoke, fumes or a highly polluted atmosphere or if there is a likelihood of scratching or friction, it is strongly recommended that the prints are laminated with a UV stabilized vinyl lamination film with a solvent-based adhesive.
- NovaJet Coated Paper 100 (CPP 100), when printed with water-based pigment inks and protected as indicated above (with a laminate), can have an image life expectancy of up to 4 weeks.

Usage Instructions

- It is recommended to condition the media in the normal printing environment for 24 hours before printing.
- While printing, care must be taken to modify the print file to suit the ink limit of the media. For best results, please ensure proper colour calibration. For further assistance, please consult our Applications Experts or contact our HelpDesk. (Please see reverse for details).
- The media should be printed within the specified ink limit. Exceeding the ink limit can lead to longer drying time, bleeding, lower resolution and poor adhesion of the lamination film.
- The absorbent nature of the paper may result in the warping of the media when printed with a heavy, graphic intensive file leading to difficulties in printing. Special care should be taken while printing such files to avoid damage to the printer head. Please contact our Applications Experts for film-based media (self-adhesive / non-adhesive) designed for such applications.
- Printed media should be protected by a cold, UV stabilized, pressure sensitive laminate only. The prints should be thoroughly dried before lamination. The lamination film must be checked for compatibility with the media. Exposure to more than 40° C through a heat lamination process is not at all recommended.
- Before mounting the prints onto PVC Foam Board, Polycarbonate or Acrylic sheets, it is recommended to conduct compatibility tests with the mounting film in normal use conditions. Substrates must be moisture-free before mounting. Please refer to the suppliers' instructions concerning the conditioning of the substrate before use. Be careful to avoid re-absorption of moisture from the air, during and after mounting. Never use the "wet method" to mount prints.
- Printed media should be thoroughly dried before rolling-up for transport to avoid ink smearing.
- A fresh pair of cotton gloves should be used while handling the bare media to avoid sweat; grease and oil transfer on to the media that could adversely affect the print quality.
- When not in use, the media should be stored in its original packing. Over exposed to humidity will cause cockling on print surface while printing.

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