

# CB100/CB130/CB170/CB190 Coated Matte Presentation Papers



**Outré** ink jet materials are manufactured to meet or beat original equipment manufacturer's specifications. **CB100, CB130, CB170** and **CB190** feature a range of quality, coated matte presentation papers designed specifically to provide impressive performance-to-cost value for graphic art and prepress applications. Each of these products offers high opacity, bright white appearance, and optimal color gamut. Full-color images print cleanly and crisply even with ink saturation levels up to 200%. Outré coated matte presentation papers are compatible with pigment (UV) and dye inks. Fast dry times and easy lamination make these papers excellent choices for high volume production applications.

Physical Properties				
	CB100	CB130	CB170	CB190
Basis Weight	100 g	130 g	170 g	190 g
Caliper	4.7 mils	6.5 mils	7.5 mils	9.2 mils
% Opacity	87%	97%	98%	99%
Brightness	93	99	99	98

### Application Guidelines

**Printer and Ink Compatibility:** CB100, CB130, CB170 and CB190 products can be used on most thermal and piezo water-based printing systems such as: Hewlett-Packard DesignJet®, Epson Stylus®, Mimaki, Mutoh, and Roland. Both dye and pigmented inks can be used. Ink dry times will be dependent on ink saturation level and humidity.

Product	Epson		Canon		HP5000/5500		Roland/Mimaki/Mutoh Water-Based	
	Dye	Pigment	Dye	Pigment	Dye	Pigment	Dye	Pigment
CB100	•	•	•	•	•	•	•	•
CB130	•	•	•	•	•	•	•	•
CB170	•	•	•	•	•	•	•	•
CB190	•	•	•	•	•	•	•	•

**Printer Settings:** To optimize print quality, choose "Heavy Coated Paper" for Hewlett-Packard printer systems. The recommended maximum ink saturation level is 200% for all printer types. Ink saturation limits can vary due to ink types, ink drop volume and humidity, so ink saturation levels should be optimized for specific printer, ink and software combinations. Over saturation will result in paper cockle and possibly head strike. These presentation papers work best in an environment between 18-30°C or 65-86°F and between 30-70%RH. Longer ink dry times will occur at higher RH environments.

**Color Profiles:** Color profiles will be available shortly for a selected RIP, ink, and printer combination on our the [www.myoutre.com](http://www.myoutre.com) web page. Profile solutions will be created on a continual basis. Consult the website for current availability of profiles.

**Material Handling:** Store unused media in its original packaging. Images should be stored in an environment with 50% RH or less. Papers can absorb moisture in high humidity conditions making ink dry times longer or can interfere with proper laminate adhesion.

### Finishing Recommendations

**Lamination:** Outré coated matte presentation papers can be over-laminated with most cold laminates and low temperature hot laminates, but cold are preferred and give better adhesion results. Make sure the images are completely dry prior to laminating. Exceeding the recommended ink saturation level can affect laminate adhesion or make lamination difficult due to paper cockle. When the paper is over-laminated with heavy gauge laminates and either mounted to a board or encapsulated, overlap the image with a 0.25 inch safe edge of laminate. This will seal the paper, preventing moisture absorption and paper splitting from the undue stress of the heavy gauge laminating films. Use laminates of equal gauge when encapsulating to prevent image curl.

**Mounting:** Cold, pressure-sensitive adhesives typically provide the most aggressive bonds and are recommended for use with these products.



[www.myoutre.com](http://www.myoutre.com)

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