

PR175M

Photo Matte Paper



Outré ink jet materials are manufactured to meet or beat original equipment manufacturer's specifications. **PR175M** is a 6.5 mil universal matte photorealistic paper for use on both aqueous dye & pigment as well as solvent and eco-solvent ink jet printers. The ultra smooth matte surface, combined with high ink saturation provides a rich density for photographic images. The high caliper and sealed base sheet eliminates cockle and promotes easy handling during lamination and mounting. **PR175M** is ideal for photo reproductions, P.O.P. graphics, premium indoor signs, and proofing.

Physical Properties	
	PR175M
Gloss (60°)	2.4
Caliper	6.5 mils
Basis Weight	175 g/m ²
Whiteness	111
% Opacity	97%

Printer and Ink Compatibility: **PR175M** products can be used on most thermal and piezo water-based printing systems with both dye and pigmented inks. See the table below for recommended printers, printer settings, and ink saturation percentages.

Product	Epson		Canon		HP5000/5500		Roland/Mimaki/Mutoh/Vutek Water-Based	
	Dye	Pigment	Dye	Pigment	Dye	Pigment	Dye	Pigment
PR175M	•	•	•	•	•	•	•	•

Imaging: The print side is the matte side and it is wound to the outside of the roll.

Printer Settings: To optimize print quality, printers should be set for the highest print quality. The media selection is "Heavy Weight Coated Paper" for the HPDesignJet series printers, 200% max ink saturation. Media setting for the Epson 9800UC/K3 MK is "Ultra Smooth Fine Art, 2880 dpi, finest detail, edge smoothing". Media setting for the Epson 9600 UC/MK is "Smooth Fine Art, 1400 dpi, finest detail, edge smoothing". To optimize print quality on the solvent ink jet printers, 720 dpi bidirection will offer the best results. Optimized printer settings will vary from printer manufacturer. 450C to 550C is a good temperature starting point for both pre and post heaters.

Water Resistance: **PR175M** in conjunction with pigment inks has excellent water resistance. Dye-based inks have a moderate level of water resistance. Lamination is recommended when an image will be exposed to repeated physical handling or when prolonged product life is needed.

Light Stability: Pigment inks provide the best long-term UV fade and water resistance.

Material Storage: To protect unused material, store material in its original packaging, in the poly bag at 72 degrees F (+/-5).

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Finishing Recommendations

Lamination: **PR175M** may be overlaminated 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. When the paper is overlaminated 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 this product.