

# FPH190S / FPH190G

## 190g Photo Satin & Gloss Paper



**Outré** ink jet materials are manufactured to meet or beat original equipment manufacturer's specifications. **FPH190S** and **FPH190G** are 8 mil, high quality, resin-coated photobase papers with a universal microporous coating available in both gloss and satin finishes. These photobase papers are designed to provide instant dry times on most high speed, thermal and piezo water-based inkjet printer systems with dye and pigmented inks. Instant dry times reduce production time by eliminating the most time-consuming stage of the workflow—print drying to lamination.

Physical Properties			L*, a*, b* Values		
	FPH190S	FPH190G		FPH190S	FPH190G
Gloss (60°)	50%	17%	L*	95.7 ± 0.5	93.1 ± 0.5
Caliper	8mils	8mils	a*	-0.2 ± 0.3	-0.4 ± 0.3
Basis Weight	198 g/m <sup>2</sup>	198 g/m <sup>2</sup>	b*	-2.3 ± 0.5	-2.8 ± 0.5
Whiteness	100	100			
% Opacity	>89%	>89%			
Rolls	24, 36, 42, 44, 50, 54, 60" x 100' standard	24, 36, 42, 44, 50, 54, 60" x 100' standard			

**Printer and Ink Compatibility:** **FPH190S** and **FPH190G** products can be used on all commercial thermal, piezo water-based printing systems like Epson, Canon, Hewlett-Packard, etc.

**Material Handling:** Handle the media by the edges or wear cotton gloves before and after printing to avoid fingerprints. It is not recommended to fold or to excessively handle the media to prevent damage to the media coating. If you roll the image, roll the image with the graphic facing in to protect your print. Always place unused media back in its original packaging for optimal storage conditions.

**Image Stability:** Lamination is recommended, especially when using dye-based ink. Air quality may substantially accelerate fade if the print is not laminated. See lamination information below.

**Applications:** Proofing, large format printing like POS-Signage, Posters, Exhibition graphics.

### *Finishing Recommendations*

**Lamination:** This product can be over-laminated with most cold and hot laminates, but cold are preferred and give better adhesion results. 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. Over-laminating will decrease the rate at which the images fade, but due to the optical characteristics of the material, dye-based ink density may appear less vibrant when laminated. Lamination can be done immediately after printing as long as the image is dry to touch, where inks do not smudge or smear to the touch. Avoid direct contact of image side to lamination rolls as sticking may occur.

**Mounting:** Cold, pressure-sensitive adhesives typically provide the most aggressive bonds and are recommended for use with this product. These products are compatible with Seal Mount Back.

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