FORTEX

JETSTAR INKJET ARTWORK FILM STANDARD AND PREMIUM

You must use an inkjet printer that will print on clear transparent media. Both Jetstar Standard and Jetstar Premium can be used with standard inkjet printers using dye-based or pigment based inks. Both films will produce good quality artworks but for the ultimate quality choose the Jetstar Premium with its superior coating over the more economical Standard variant. Results will vary based on printer used, type of ink, software and artwork quality. Generally printers with higher resolution capability will yield better looking artworks.

Image quality depends on having a quality artwork with adequate resolution and smooth line edges. As with any digital media, experimentation is necessary to determine the proper printer settings to achieve desired results.

1. **Prepare artwork for output.**

    The quality of your digital artwork will determine the quality of your positive. The artwork should have smooth lines and edges and be of adequate resolution. A minimum of 720 dpi is recommended (1440 dpi is ideal for line art).To prevent 'undercutting during UV exposure' we recommend you mirror image (flip) your image in your application software. This will result in the ink being in contact with the resist when the printed image is turned the correct way round ready for exposure to UV.

2. **Load the film into the printer.**

    Make sure the coated side of the film is the side you print on. To assist in determining the coated side it has a milky, matte appearance, and a slightly wet fingertip touched on the corner of the coating will result in the finger sticking to the film, more so with the Premium Film rather than the Standard.

3. **Check printer settings.**

    Make sure printer is set for the highest resolution and print quality, with High Speed Setting OFF. Note that the higher the resolution, the slower the print. Next, set the Media Setting to Matte, Heavyweight Matte, Archival Matte or Inkjet Backlight Film. For Epson Ink Jet Printers, set the Brightness control slider to +25 and always print in Black Ink only or Greyscale. Options will vary based on printer and software available. Then, set ink deposit for optimum results.

TIP: Experiment with the setting options available with your printer to determine the best set-up for your requirements. If positive seems light or lacks density, try increasing the print quality or amount of ink deposit.

4. Print.

JetStar films dry almost instantaneously. With most inks, the positive will be dry and ready for use in less than two minutes. Drying times will vary based on printers, inks and conditions.
Note: Always make sure positive is completely dry before using. Transfer or marring of image can occur if used before completely dry.

5. Double Print?

Most modern inkjet printers are extremely accurate in terms of printing repeatability. If for any reason you are not obtaining opaque blacks it is worth experimenting with a double print. When the original is dry, reload and reprint the image. This will increase the opacity and you may find you have no registration / accuracy issues

PLEASE NOTE: JETSTAR inkjet films are designed to work with standard aqueous inkjet printers. Results will vary based on printer used, type of ink, software and artwork quality. Generally, printers with higher resolution capability will yield better looking positives. But remember, image quality depends the most on having quality artwork with adequate resolution and smooth line edges. As with any digital media, experimentation is necessary to determine the proper equipment settings to achieve desired results. We highly recommend the use of rip software, such as Wasatch SoftRIP or AccuRip for optimal results.

Printing Environment should be 65° - 75°F with a relative humidity of 40 - 70% for best results.

Storage. Positives/negatives created with Jetstar inkjet products are re-usable and can be stored for later use. For best results, interleaf positives with a clean piece of newsprint and store in a low humidity environment.

Product Selection Chart

PRODUCT NAME	PRODUCT CODE	WATER RESISTANT	DENSITY
JETSTAR PREMIUM A4 10 SHEET PACK	PPP-A4100	Yes	DMAX up to 4.0
JETSTAR PREMIUM A4 100 SHEET PACK	PPP-A4101	Yes	DMAX up to 4.0
JETSTAR PREMIUM A3 10 SHEET PACK	PPP-A3100	Yes	DMAX up to 4.0
JETSTAR PREMIUM A3 100 SHEET PACK	PPP-A3101	Yes	DMAX up to 4.0
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JETSTAR STANDARD A4 10 SHEET PACK	CPP-A4101	Yes	DMAX up to 4.0
JETSTAR STANDARD A4 10 SHEET PACK	CPP-A3100	Yes	DMAX up to 4.0
JETSTAR STANDARD A4 10 SHEET PACK	CPP-A3101	Yes	DMAX up to 4.0