Pigment Inkjet Film

FILMS FOR WATER-BASED PIGMENT & DYE INKS.
INSTANT-DRY INK RECEIVING LAYER.
ABILITY TO OPERATE IN FULL DAYLIGHT CONDITIONS.
COMPATIBLE WITH INDUSTRY STANDARD PIGMENT OR DYE INKJET PRINTERS.

Inkjet films are for digital prepress, screen printing, pad printing, sign making and some offset jobs. It could be also used in indoor display graphics applications such as window signage, backlit graphics, signs and templates in geographical information systems (GIS) or architectural applications such as mapping overlays. Their stabilised polyester base provides the highest accuracy in various types of printers. The films offer an instant dry image and very good water resistance. They can be used with actual standard available black dye and pigmented inks. On the back it has an anti-static coating making positives moves smoothly through the printer and are easily stackable.

Sharpness and ink opacity (Dmax) depend on the printer, it driver, the RIP settings and the type of used ink. Use a RIP (Raster image processor).
Dot shape and size, screen angle, and line rulings are set in the graphic application and applied by the RIP. The RIP applies halftone parameters as specified by the operator and can also select characterization curves for specific screen press/substrate combinations.

INSTRUCTIONS:

1. Prepare the artwork as for output as usual in you informatics system. A minimum of 600 dpi should be used, recommended 1200 dpi, better if higher resolution is applied. Note that higher resolution will take longer to print it out.
2. Set Print Options. While printer options will vary, look for the following:
   a) In the Print Dialog Box, select the highest dpi possible (this will slow down print speed).
   b) Next, select "Ulano PIJF", "Transparency", "Photo Quality Glossy Film", or a similar setting for the Paper/Film/Media option.
   c) Last, select ink deposit to maximum setting.
   d) Preferable print in unidirectional.
   e) Preferable, print in quality or portability.
3. Load accurately the printer tray so that the coated side of the film faces the inkjet printer head.
4. Print. Drying time varies based on printer, ink quality and humidity.
5. Preferable, do not use the printed positive until is completely dried.
6. Don't wet or leave in a wet room. It would be very foolish to have your wash out sink next to your exposure unit where water might spray the film.
   In normal production the film performs like any image set film would do.
7. Avoid touching the surface of the paper. Fingerprints and other stains may have a detrimental effect on the quality of printed pictures and colours.
8. Keep the printed sheets in a safe place, away from sources of heat and damp.

Troubleshooting

- Printing on uncoated side.
- Wrong film for ink quality.
- No using a postscript RIP.
- Bad printer settings. See the printer manual for information.
- Bad RIP settings. See the RIP manual for information.

COLOUR	Colourless
HEALTH HAZARDS/ ENVIRONMENTAL PROTECTION	Pigment Inkjet Film is a substrate without specials instructions regarding health issues when normal people handle it. Please follow further information given in the material safety data sheet
STORAGE	Ulano Inkjet Film will remain stable for decades if stored properly. Like all film positives you should not allow them to get wet. The emulsion will streak if water is sprayed on them.