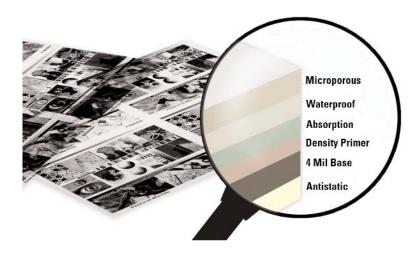
FA0S MARKETING

GO dMax 4 Inkjet Film FAQs



- **Q.** How did GO (Graphics One) become involved in the manufacturing of inkjet color separation film? **A.** GO has been distributing Wasatch SoftRIP SP (screen print) on an international basis since it was launched. Since a special film is required for the SP application, film availability is a must. Many of our customers had problems obtaining proper film for this application and requested our help in obtaining film. This was the genesis of dMax 4 film.
- **Q.** Is GO the manufacturer of this product line?
- **A.** GO has formed a partnership with one of the larger film and coating manufacturers in the world to produce dMax 4. The research scientist who developed the coating for GO is a contract partner and holds a patent on the coating technology used in GO dMax 4 film.
- **Q.** What is the difference between dMax 4 and other lower quality films?
- **A.** Many film products offered for inkjet separations are simply normal films pressed into service as film-positive separations. Normal film lacks the dimensional stability, humidity resistance and ability to image densities high enough for color separations.
- **Q.** What are the most important questions to ask to determine if other films offer the capabilities of dMax 4?
 - Is the film water resistant?
 - Is the coating microporous?
 - Does the film use OptiCoat 6 layer technology?
 - Does the film offer a density high enough for imaging screens?
 - Is the film archivable for reuse?
 - Is the film stable enough?



FAQS MARKETING

- **Q.** Why is it important to have a microporous coating on color separation film?
- **A.** Microporous coating technology provides higher ink absorption resulting in higher density and a faster drying time. Microporous coatings differ from smooth coatings in that there are an infinite number of "pores" where the ink can embed itself in the coating.
- **Q.** Why does a user need waterproof film?
- A. The film can be reused to reburn screens and also protects against accidental spills.
- **Q.** How can a user tell which side is the printable side?
- **A.** One side is smooth the other has a texture feeling. The textured side is the inkjet receptive side. The smooth side is just the carrier sheet and is not inkjet receptive.
- **Q.** What are the special features of dMax 4?
- **A.** The special features of dMax 4 OptiCoat technology are as follows:
 - -Waterproof
 - -Microporous
 - -High density
 - -Fast drying
 - -Dimensionally stable
 - -High resolution for fine lines and halftones
 - -Archivable
 - -Universal coating
 - -Roll and sheet
 - -Multiple sizes
- **Q.** Why is the six layer Opticoat technology different than other films?
- **A.** Go's dMax 4 starts with a 4 mil polyester film base for dimensional stability with the back coated with an antistatic layer. The front layer starts with a density primer for enhancing density, an ink absorption layer, a waterproof layer followed by a microporous coating. The Opticoat technology results in an outstanding inkjet color separation film not offered by others.
- **Q.** What type of inks can be used with dMax 4?
- **A.** GO's dMax 4 works with both piezo and thermal inks. Generally dMax 4 was formulated to work with dye ink, but also works with pigment inks.
- **Q.** Does a user need a special ink for dMax 4?
- **A.** No, a special ink is not required for use with GO dMax 4 ink. As a general rule, dye ink works better with microporous film than pigment inks.



FAOS MARKETING

- Q. Why does GO offer dMax 4 lnk if a special ink is not required?
- **A.** For those users who are doing high volume color separations, it is best to use GO's dMax 4 ink for the following reasons:
 - -Self dispersing technology includes resin bonds which forms a chemical bond with the film making it scratch resistant
 - -Fast drying
 - -Water resistant
 - -Particle size of pigment is between 50~60 nanometers so it penetrates the microporous coating providing a higher density than dye ink
 - -Provides higher density due to UV enhancers
 - -Longer life expectancy
- **Q.** Are there any registration issues inherent in the use of an inkjet film?
- **A.** The accuracy or registration is dependent upon the inkjet printer being used. This is different with printers using thermal or laser printheads where heat can cause registration errors. The 4 mil film base is as dimensionally stable as traditional graphic arts film.
- **Q.** Do different screens, such as stochastic or traditional dot centered rosettes, work well with dMax 4?
- **A.** There are no issues with different types of screens as long as the film has been linearized properly.
- **Q.** Can dMax 4 be manufactured to a custom size?
- **A.** Yes, but it is dependent upon quantities desired. Please call GO sales.
- **Q.** Which RIP do we recommend for this application?
- **A.** GO only recommends Wasatch SoftRIP SP for this application. SoftRIP SP has little competition in this application area.

