

# GO dMax 4

## Waterproof Color Separation Film



### GO dMax 4 Opticoat Technology

- OptiCoat coating technology for density, dot control and water proofing
- 6 Level coating technology
- Developed specifically for screen print market
- Ideally suited for most screen print applications Including composite color
- Images halftone screens and line art with clarity
- Works with both dye and pigment inks; works with piezo and thermal printheads
- 4 Mil thickness provides better handling and more density than vellum
- Archivable for reuse
- Available in sheets and rolls
- No darkroom, no processor, no chemicals needed

### GO dMax 4 Product Information

The Graphics One (GO) dMax 4 film line opens up new opportunities and lowers costs for screen printers unimagined a few years ago. By using a high quality piezo inkjet printer, Wasatch SoftRIP SP and GO's dMax 4 film, a screen printer virtually has a replacement for a high priced imagesetter.

Developed to provide UV characteristics typically associated with traditional analog film, inkjet users now have the capability to use their inkjet as a marking engine for many of the applications for which imagesetters have traditionally been utilized. It has never been easier to produce quality film positives from an inkjet printer. Best of all, there is no need for a darkroom, processor or chemicals to process the film.

GO's new dMax 4 film for the screen print market includes its new Opticoat technology. GO's Opticoat technology is comprised of a six level coating process, starting with a 4 mil polyester base to make up the six layer process. Four additional steps on the recipient side (density primer, absorption layer for dot control, waterproof layer and microporous coating) along with an antistatic coating on the reverse side of the film, make up the remainder.

Our dMax 4 film is a direct positive waterproof film with quick drying capability. With a thickness of 4 mils and OptiCoat coating technology that controls dot gain, UV characteristics, and drying, GO dMax 4 Film offers a Visual dMax of 4.0, a UV dMax of 3.7 and a dMin of .07.



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Designed to provide optimum results with piezo or thermal inkjets using either dye or pigment based inks, GO dMax 4 combined with Wasatch SoftRIP and a piezo inkjet printer, provides an inexpensive way for screen printers to migrate to imaging digital color separations.

### Who Needs GO dMax 4 Film?

With silk-screen process printing a great variety of surfaces such as plastics, wood, metal, glass, textiles, paper and board can be used and printed in one pass, if necessary. The most common applications for commercial screen-printing are posters, stickers, signs, banners, t-shirts, ring binders, mouse pads, promotional items and exhibition displays. According to the Screen printing and Graphical Imaging Association International (SGIA), the market in the U.S. is divided into:

- Garments and Textiles-58%,
- Signs, POP Displays 13%,
- Decals and labels-13%

GO has tested dMax 4 in a variety of different applications and have determined excellent results are possible with lpi ranging from 50 to 133.

### GO dMax 4 Film Sizes

GO offers dMax 4 in the following sizes:

- 8.5"x11" sheets
- 11"x17" sheets
- 13"x18" sheets
- 17"x100" roll
- 24"x100' roll
- 36"x100' roll
- 42"x100' roll
- 62"x100' roll

### GO dMax 4 Ink

GO's dMax 4 Ink was developed for use with high resolution piezo printers who require faster drying and exacting dots. Usable with advanced printers from EPSON, Mimaki, Mutoh and Roland, dMax 4 Ink is the perfect ink for anyone producing color separations. Whether printing high resolution or low resolution, dMax 4 Ink will produce quick, dense, high resolution color separations at a much faster drying rate than OEM inks. The GO hybrid ink formulation produces density not available in current inks making this the choice for screen printers.



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### Recommended Software

In order to use the full capabilities of GO dMax 4 film, GO only recommends Wasatch SoftRIP or SoftRIP SP with a high resolution piezo printer. Wasatch's WPRS technology is unmatched and offers the best option for producing the high resolution screens using GO dMax 4 film.

### Recommended Printers

GO recommends using piezo inkjets from either Epson, Roland, Mutoh or Mimaki. Canon also offers the best thermal inkjet results. Additionally some users have been succesful using HP thermal printers. Please contact GO for specific recommendations.

### Additional Information

- GO Pocket Guide
- GO Spec Sheet
- GO Presentation
- GO Press Release
- Graphics One Website
- GO eNews Monthly Newsletter

PRODUCT OVERVIEW

