

## Logical Color SubliDARK Print for Sublimation Inks



### LOGICAL COLOR

### Description

Logical Color SubliDARK is a unique sublimation printable HTV designed for application on dark and blended fabrics, including cotton. SubliDARK Print can be imaged with standard sublimation printers including Sawgrass Virtuoso HD printers.

### Features

Sublimation printers can be used to decorate dark and blended fabrics. The media can be contour-cut with a vinyl cutter and heat-applied to light and dark fabrics for permanent, opaque garment decoration.

### Applications

Suitable for use in dye sublimation printers  
Compatible with 100% cotton, 100% polyester, cotton/poly blends, polyester/acrylic blends, and similar fabrics

### Directions

- 1) Place SubliDARK Print in sublimation printer with the print side down, glossy side up.
- 2) Using the Sawgrass VPM profiles, select Heat Transfer Vinyl (HTV) for the substrate and paper.
- 3) Design right reading. Contour-cut with 45° blade. Weed graphic, cover with medium to high tack heat transfer tape. Since SubliDARK Print is a 16mil film, simple shapes can be applied by hand without heat transfer tape.
- 4) To decorate heat-sensitive fabric like polyester, pre-press the sublimated print first. Cover it with silicone coated kraft paper and press at low pressure for 30 seconds at 375°F (190°C). Then remove the PET release liner and press for 15 seconds with medium pressure at 320°F (160°C).
- 5) To decorate cotton and other high-temperature fabrics, print, cut, weed and mask the graphic. Then remove the PET release liner, cover with silicone coated kraft paper, and press in one cycle for 30 seconds with medium pressure at 320°F (160°C).
- 6) Peel warm. Remove heat transfer tape a few seconds after pressing.



Fig 1.1



Fig 1.2

## Ordering info

Part Number	Description	Part Number	Description	Part Number	Description
TEX-LC-SBDP-LETTER-10	8" X 11.5" sheets, Qty 10	TEX-LC-SBDP-LETTER-25	8" X 11.5" sheets, Qty 25	TEX-LC-SBDP-LETTER-50	8" X 11.5" sheets, Qty 50

## SubliDARK Print Troubleshooting Tips

### **Problem: My colors look dull colors after pressing.**

**Causes & Solutions:** Sublimated transfers often look dull or incorrect on the transfer paper. Judge the color only after pressing to the garment. If colors are dull or incorrect after pressing, there are a few common causes and easy fixes.

**Software settings:** You may be using the wrong profile in the Virtual Print Manager. For best results, use the Heat Transfer Vinyl setting for the paper and substrate. Don't be afraid of testing with different color settings as well.

**Heat Press settings:** The time and temperature settings on your heat press must be right (see page 1). If your colors are dull, check the heat press platen with an IR thermometer to make sure the actual heat output is sufficient. If the temperature is right, add 10 - 15 seconds to the press time to fully sublimate the garment.

### **Problem: When cutting with vinyl cutter, the edges are rough and frayed.**

**Cause & Solution:** SubliDARK Print is a 6mil film with a fibrous texture. This helps cover the color of the fabric, but it makes it a little tougher to plot than standard HTV. We recommend a sharp 60° blade. Place the blade and blade-holder on the film and cut a box by hand, then weed it to test the blade depth.

Another tip you can use is to set your cutter for multiple passes and cut the graphic twice. This will help you cut all the way through the film with cleaner edges for more appealing transfers.

Some stepper driven vinyl cutter may cause burrs as they cut the film. These can be cleaned up with a small pair of scissors. Digital servo motor vinyl cutter make cleaner cuts.

### **Problem: My vinyl cutter is not contour cutting correctly or doesn't have mark sensors.**

**Cause & Solution:** Depending on the complexity of the image, the design, or the quality of your cutter, you may find some alignment challenges with printing and contour cutting.

**Design tip:** Add a border to your image and place the contour cut path slightly inside it (choke). This gives the cutter an extra margin of error.

**Simplify:** For colorful designs with vector shapes, you can print a full color fill (Fig 2.3) and cut out the shape with your cutter. No mark sensing required (Fig 1.2).

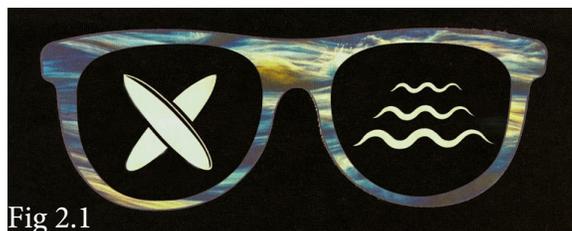


Fig 2.1

Printed with Heat Transfer Vinyl Setting

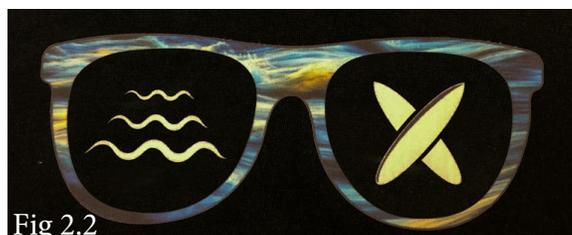


Fig 2.2

Printed with SubliTEX 1603 Setting

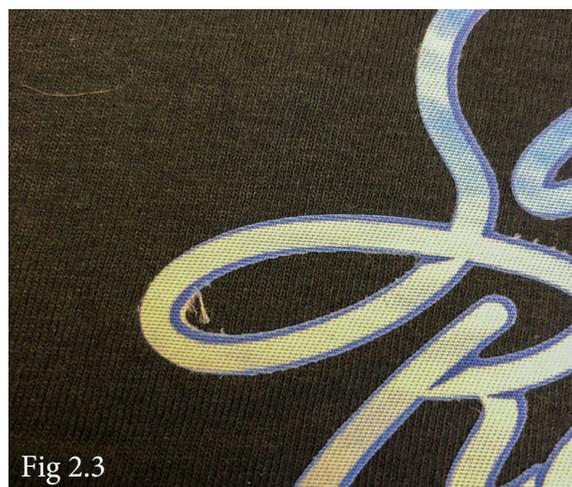


Fig 2.3

In this image, you can see the frayed cut path



Fig 2.4

If contour cuts are not working, print a full page.