



DYE-SUBLIMATION CHECKLIST

A list of tools and equipment for sublimation success



✓ Computer (PC or Mac)

✓ Design program(s):

• Adobe Illustrator (AI)

The ideal program to use when creating large format print files

• Adobe Photoshop (PS)

A popular program to use when designing and manipulating photo-based imagery and files

• CorelDRAW

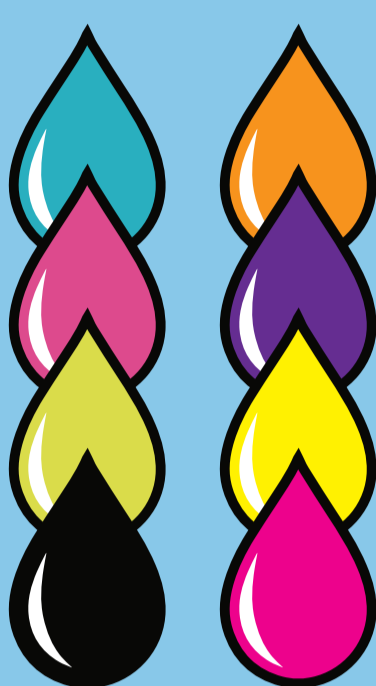
A great piece of design software used to create vector graphics and effects



✓ RIP software program

• ErgoSoft Roland Edition 2 software is included with the purchase of a Roland Texart dye-sublimation printer

• ErgoSoft Roland Edition 2 is a PC based software - use emulator software when working in a Mac environment



✓ Dye-sublimation printer

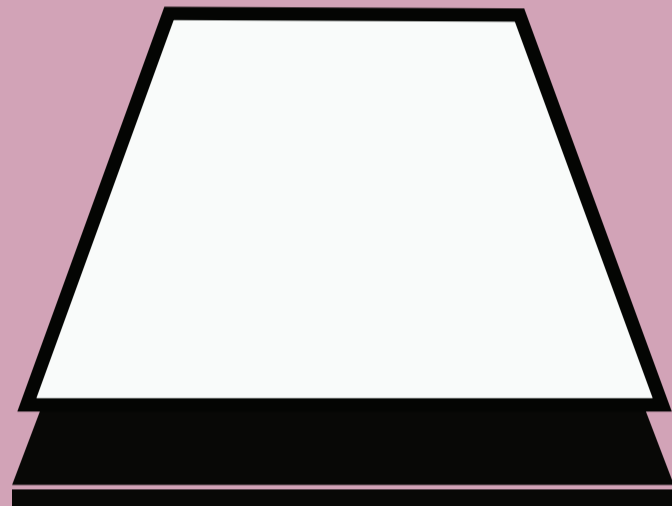
- Roland's Texart printers, inks and software is the perfect package to kick-start your dye-sublimation print business
- Outstanding colour and image output with precision firing of ink droplets

✓ Dye-sublimation inks

- Dye-sublimation inks are designed for use with dye-sublimation printers, i.e. use Roland Texart SBL3 inks with Roland Texart dye-sublimation printers
- Roland's SBL3 dye-sublimation inks are available in CMYK, Light Cyan, Light Magenta, Orange, Violet and Fluorescent Pink and Yellow

✓ Heat transfer paper

- Use 90-120 gsm (grams per square metre) for standard applications
- Use heavy papers and clay-coated papers (up to 145 gsm) for hard substrates
- Tack paper is preferred for fabrics, especially for flatbed heat presses
- 3D vacuum presses require transfer film instead of transfer paper for thermoforming
- Paper with a good coating holds the ink better and releases around 90% of the ink



✓ Heat press

- **Clam press/swing away press**
Compact press used to transfer onto apparel, T-shirts and small blank items
- **Calender heat press**
Built for large apparel, soft signage and other roll-fed fabric applications
- **Flatbed heat press**
Heat transfer onto fabric as well as specially engineered rigid materials
- **3D vacuum heat press**
Heat transfer onto sublimation blanks and pre-treated regular or irregular shaped 3D objects, like glasses frames, bottles and luggage

✓ Dye-sublimation media

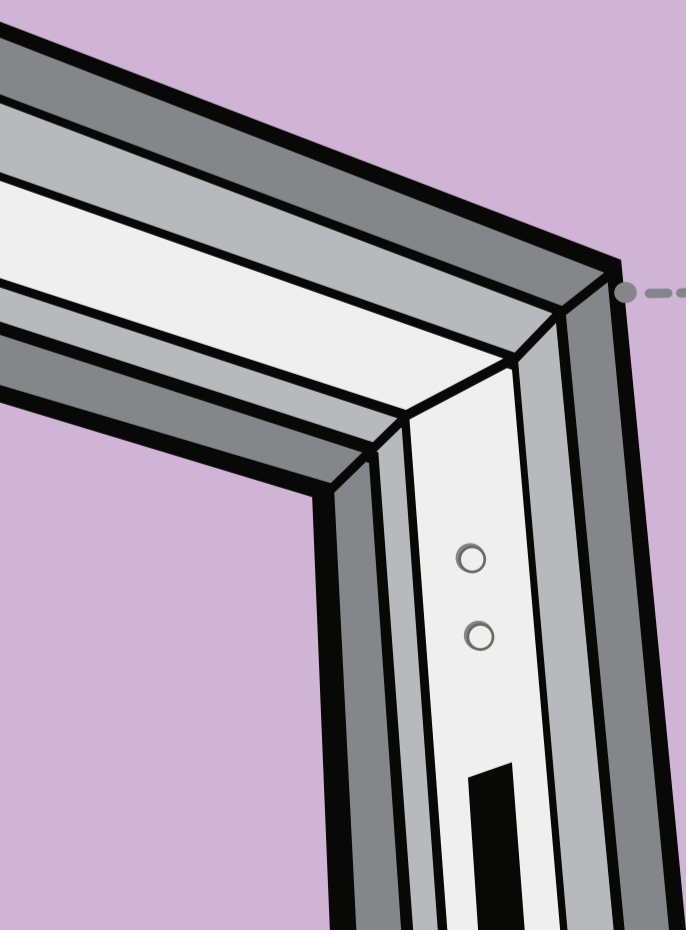
- **Polyester apparel**
Blank T-shirts, sportswear and other clothing
- **Polyester banner and soft-signage material**
- **Polyester fabric rolls**
- **Blank products**
Dye-sublimation blanks such as ceramics, metal panels, wood products and other un-printed items that are pre-coated with polyester



✓ Production tools

The following tools are recommended if producing upholstery, soft signage and apparel from scratch

- **Tools to cut textiles to shape**
For example a rotary blade, electric scissors or hot knife up to a laser or flatbed plotter
- **Sewing device**
A sewing machine with auto-command and auto-feed features for large format joint and hemming
- **SEG system**
A special tension frame system that's used for creating easy-to-install soft signage that includes silicone keder/beading
- **Banner stands, hanging systems**
- **Dowels, poles**
- **Sewing pins**
- **Tailor's chalk**
- **Sewing threads**
- **Hand tools (drills etc.)**



Infographic courtesy of

Roland

Discover more about Roland's Texart dye-sublimation printers at:

www.rolanddg.eu