

**The Unbelievable Results**

**without EPS**



**with EPS**



**without EPS**



**with EPS**



**J-TECK USA PROVIDES :**

- ◆ **SUBLIMATION INKS**
- ◆ **INKS FOR DIRECT PRINT**
- ◆ **HI COLOR FASTNESS INKS FOR DIRECT PRINT**
- ◆ **ACID DYES**
- ◆ **PIGMENTED DYES FOR GRAPHICS**
- ◆ **FEEDER SYSTEM**

**J-TECK USA**

*Presents...*

**EPS SYSTEM**

*One-sided printing, gives you a two-sided image.*

**with EPS**



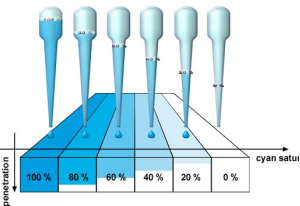
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# What is EPS ?

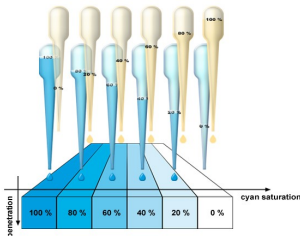
EPS is the solution to the double-sided printing challenge. With this system, printing on one side, shows the same vibrant image on the other.

The solution begins with EPS Clear; a liquid used with the dyes in printing. EPS Clear allows the colors to easily penetrate the fabric giving a greater shade and intensity on the other side. Without using EPS Clear, light colors stay on the surface.

## Color Penetration without EPS



## Color Penetration with EPS



## Set-up for EPS Clear

EPS is inserted into an ink slot as if it were another color. The liquid replaces one or two of the half-tones or additional inks.

Replacing the half-tones does not reduce the color gamut, as it slightly may occur while replacing an additional color. However, the replacement of half-tones

eliminates the dithering effect, giving the utmost uniformity.



## EPS Software

EPS Clear is only the first half of the system. J-TECK provides the second half- EPS Software. It is an easy download, which serves as a patch for a Rip file. The software facilitates the printer's use of EPS Clear.



## Using EPS

Prior to printing, it is necessary to know the fabric's ink limit. This balances the printing outline and helps to determine the dye's penetration through the fabric. Thicker fabrics have a higher ink limit, giving more pene-

tration. Although, EPS is used on a variety of textiles, thick or thin. It can be used with;

- Dispersed dyes for polyester
- Acid dyes for wool
- Reactive dyes for cellulosic fibres (both in high temperature fixing systems and steaming)
- Silk

## Advantages of EPS

EPS is a universal product with great advantages for the ink market.

- It is easy to use
- Eliminates the dithering effect in printing
- Gives uniformity in the ink penetration of double-sided images
- Gives digital textile a greater range in applications

