

# POLY Pretreat

## Technical Information

Poly Pretreat can be used for 100% polyester or poly blended substrates. Direct-to-garment inks are waterbased and, before now, could only be printed on a natural, absorbent fiber. If the waterbase direct-to-garment ink was printed onto a synthetic or blended fiber, the image would bleed and washout.

With the release of the new Poly Pretreat, direct-to-garment users have the flexibility to print onto polyester and polyester blends. The fluid is designed to work with FastInk or Brother's GT CMYK inks. (Please note, Poly Pretreat is not designed to work with white ink.) Now direct-to-garment waterbase ink can be used on

- 100% Polyester or blended Garments (t-shirts, hoodies, sweat, etc.)
- Mouse Pads
- Can Coolers
- Polyester Flags
- And MUCH MORE!

The average cost for Poly Pretreat fluid:

- 100% polyester garments is \$0.50
- 50/50 blend garments is \$0.41

**NOTE:** Due to the differences in how synthetic garments are made and treated with different types of chemicals (i.e. sizing chemical, dyes,...), it is strongly recommend the user performs a print and wash test prior to full production.

### Application Instructions:

1. Using a hand-held spray bottle or sprayer, apply the appropriate amount of pretreatment fluid depending on the fabric content for a full 14" x 16" print. (NEVER spray pretreatment on the platen of the printer.)

- 100% Polyester- 18-20 grams
- 50/50 Blends- 16-18 grams

**NOTE:** If too little Poly Pretreat is applied, during the wash test, the image will fade.

If too much Poly Pretreat is applied, the garment will have poor wash-ability and the garment will stain where the Poly Pretreat was applied.

2. Heat press the garment for 5 seconds at 356 degrees F (or approximately 8 seconds for 330 degrees F). Changes in the time and temperature may be used depending on the results of the wash test.

3. Print using the CYMK inks (Poly Pretreat does not work with white ink) and cure the garment using the recommended settings for your direct-to-garment printer.

4. Store Poly Pretreat at room temperature and out of direct sunlight.



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