

TIPS FOR EFFECTIVELY SCREEN PRINTING POLYESTER FABRICS

Due to the nature of 100% polyester performance fabrics, special care must be taken throughout the printing process. Here are some tips to effectively decorate polyester fabric products.

- Use 85–110 screen mesh for best results. Please consult with your ink supplier and their spec sheets on the ink you use.
- Garment temperature **must not exceed 320°F**. Exceeding this temperature will cause the fabric to shrink, become wavy or cause dye migration (bleeding).
- Dryer temperature and belt speeds must be changed accordingly. If flashing these garments, **do not exceed 1-2 seconds**. Anything longer may damage the fabric as stated above.
- These garments require the use of poly inks. A Dyno Grey base on all colors and a second white base on all dark colors are recommended. Please consult your ink supplier for more information.
- Polyester requires a longer cooling time than cotton. Failure to cool the fabric prior to stacking into a printer's fold may cause the fabric and applied ink to stick together.
- If you heat press these garments, you must adjust the time, temperature and pressure. Failure to do so may damage the fabric as stated above.
- A test sample run is recommended, especially if you have a large order or if your printer does not specialize in printing on performance fabrics.