

TECHNICAL DATA SHEET**SHORT DESCRIPTION:**

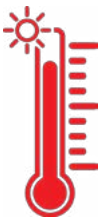
The little brother of Pure Plus White, Pure White is the same formula except it leaves out much of the special additives. This allows Pure White to be a flatter, smoother polyester ink, perfect for use as an underbase.

QUICK SPECIFICATIONS:**MESH COUNT**
86 to 125

This is simply a recommendation based on printing difficult fabrics such as 100% polyester. Preventing dye migration requires a generous ink deposit. However, Pure White will print through finer mesh with ease.

**FLASH CURE**
4/5: Quick

The rating of **QUICK** implies a flash cure performance faster than most plastisol inks. Due to the great number of variables involved, we cannot specify a specific flash time or temperature. However, this ink should flash dry much quicker than general purpose ink.

**INK CURING**
320°F to 330°F

Washing and drying your prints to check durability is the ultimate test of ink curing. However, the use of Thermolabels is the most sensible method of testing for your day-to-day operations. This will help you prevent cracking, peeling, and washout.

**SQUEEGEES**
70 Durometer

Squeegees are one of many variables controlling your ink deposit. Softer squeegees are capable of printing thicker while hard squeegees allow for better print resolution. 60 durometer is soft. 70 durometer is medium. 80 durometer is hard.

**CLEAN UP**
PW-4 or IR-26

Many cleaning products will remove plastisol ink. We recommend SaatchiChem PW-4 for cleaning on-press. The IR-26 is ideal when cleaning in a washout booth. Cleaning the ink out of the screen immediately after printing is always recommended.



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PURE WHITE BENEFITS:

- Great opacity and bleed resistance for use on the most difficult fabrics.
- Perfect for numbering presses where “trapping” is popular and necessary.
- Combine with ELT-S Black Underbase for a soft, smooth print and no dye migration.
- Easy to print viscosity for both manual and automatic presses.

IDEAL CURING GUIDELINES:

Cure the Pure White at the temperatures listed below (measure with a Thermolabel). Curing is a time and temperature process. A lower temperature with a slower belt speed is always the best method.

100% Cotton	Poly/Cotton	Polyester	Nylon/Stretch	100% Nylon	Polypropylene	Rayon
X	X	320°F*	X	X	X	X

*Pure White must be printed with similar inks such as the Athletic Series and Athletic Plus Series. Do not use Pure White as an underbase for non-polyester inks.

TIPS AND TRICKS:

- Pure White is a great ink to pair with Athletic Series colors when printing 100% polyester tees and uniforms. The prints will be smooth and flexible.
- If you are not achieving the opacity you would expect from one of our top coverage inks, consider changing emulsion or increasing the number of coats.
- On sublimated polyester such as digital camo, always print the ELT Digital Black Underbase first to prevent dye migration.

Always perform a pretest print and test cure conditions on the fabric to be printed to establish the best results. Stir inks vigorously before each use. Viscosity may need adjusting for best results. If there is ever a question about a print job, call us at 800-942-4447. We are always happy to help!