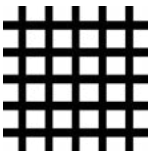
POLYSTRETCH PLUS SERIES

TECHNICAL DATA SHEET

SHORT DESCRIPTION:

Stretchy polyester and polyester blends can really cause problems as you want a soft, stretchy ink but you also need bleed resistance. Polystretch Plus Series will give you the best of both worlds and keep your prints durable and bright.

QUICK SPECIFICATIONS:



MESH COUNT
86 to 110

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

FLASH CURE
3/5: Average

The rating of **AVERAGE** implies a flash cure performance similar to 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 like most inks you have printed before.

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 Saatichem 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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POLYSTRETCH PLUS SERIES BENEFITS:

- Our most elastic polyester ink.
- Extremely durable on any polyester/stretch fabric.
- Polystretch Plus White covers dark fabric with ease.
- Great athletic color shades.
- Soft hand feel.

IDEAL CURING GUIDELINES:

Cure the Polystretch Plus Series 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

*Polystretch Plus Series will adhere to cotton and poly/cotton fabrics. However, it is not recommended for these fabrics unless you are printing with only Polystretch Plus Series inks. Do not mix with cotton or poly/cotton inks.

TIPS AND TRICKS:

- Always underbase Polystretch Plus Series colors with the Polystretch Plus White. The colors do not have the same excellent opacity as the white.
- Print a thick ink deposit. Thin ink deposits will crack easily when stretched.
- Polyester alone may be very stretchy. The percentage of lycra or spandex alone will not determine if you need to print with a stretch ink such as Polystretch Plus. You really need to get the garment in your hands to see how stretchy it may be.

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!