



Screen Printing Inks Fact Sheet

When choosing a screen printing ink, there are at least three things to consider:
1. printing surface, 2. quantity and 3. length of the run.

Mesh recommendations: Use monofilament polyester screens up to 305 mesh. Ideal mesh size will vary according to substrate. Suggested mesh sizes for each type of ink **on fabric** are: Opaque Colors - 110 mesh; Metallic Colors and Super Opaque White - 86 mesh; Regular Colors - 156 mesh.

Here is a side-by-side comparison listing the unique characteristics of Jacquard's Versatex and Screen Printing Inks.

Jacquard Screen Printing Ink

Jacquard Screen Printing Inks are professional quality and will adhere to many surfaces. These water-based inks have many characteristics of solvent-based inks. Jacquard Screen printing Inks air cure themselves 72 hours after printing or can be heat set for added permanence and durability.

- Great on paper - No wrinkles, due to high solids
- Adheres to a number of plastics, vinyl and other substrates that challenge other water-based inks
- Extra long open time in screen (opaque white may be an exception)
- Superb wash fastness on textiles, etc.
- Heavier hand than Versatex
- Extensive palette:
 - Transparent colors
 - Opaques
 - Metallics
 - CMY Process Color System
- Has a tacky texture and may be used for block printing
- Available in 5 sizes
- Self curing - although heat setting adds maximum washfastness for textiles.
- Great on: nylon, polyester, and 100% synthetic and extruded fabrics, and other non-absorbent hard to print on surfaces
- Opaque white is ACTUALLY opaque

Versatex Screen Printing Ink

Versatex is a water-based screen printing ink ideal for screening, stenciling and/or block printing on fabric. The colors are intermixable and can be thinned with water. Versatex printed fabric must be heat set for permanence and washability. Beautiful, transparent overlays can be achieved when mixing colors with the Clear Extender.

- Wrinkles only light weight stock
- Not recommended for non-absorbent surfaces
- Good open time
- Great wash fastness on textiles. New formula sets at lower temperature.
- Unrivalled **SOFT HAND!**
- Large palette:
 - Transparent colors
 - Fluorescent colors
 - Metallics
- Printers rave about it's smooth and creamy consistency and texture
- Available in 3 sizes plus 2.25 oz. sets.
- Heat setting recommended
- Performance far surpasses comparably priced screen inks

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