



## Technical Data Sheet #286

Revised 09/16/2008

<b>Wet Ink Tack</b>	Low
<b>After Flash Tack</b>	Low
<b>Printability</b>	Excellent for fast production
<b>Surface Appearance</b>	Satin
<b>Opacity/Viscosity</b>	High/High
<b>Bleed Resistance</b>	N/A
<b>Gel Point/Flash Time</b>	152°F (67°C)
<b>Fusion Temperature</b>	320°F (160°C)
<b>Squeegee Hardness</b>	70-80 durometer
<b>Squeegee Blade</b>	Sharp
<b>Squeegee Angle</b>	45° to screen mesh
<b>Squeegee Speed</b>	Medium to High
<b>Underlay</b>	N/A
<b>Emulsion</b>	Direct, Indirect, Capillary film
<b>Mesh Count</b>	86—230 mc in (34 - 90 mc cm)
<b>Extender</b>	N/A
<b>Storage</b>	65°F to 95°F (18°C to 35°C). Avoid direct sun.
<b>Cleanup</b>	Biodegradable screen wash
<b>MSDS</b>	#1
<b>Color Range</b>	MH9057 Core White
<b>Substrate Type</b>	100% Cotton
<b>Substrate Color(s)</b>	Light, Medium, and Dark

# High Opacity White Ink

## MH9057 Core White

### Description

**MH9057 Core White** is opaque resulting in excellent coverage on dark garments. The low tack formula allows printing through finer mesh counts without the need for a viscosity modifier. Use as an underlay where good opacity and brilliant colors are needed on dark 100% Cotton.

### Features

- Economical, high performance white for 100% cotton.
- Creamy, short body plastisol for easy printing.
- Low tack formulation for fast shearing action.
- User friendly, no viscosity modifications necessary.
- Prints through high mesh counts.
- Great opacity.
- Low hot tack. Does not need a cool down station.
- Will not cause \*ghost on 100% cotton.

### Application

Print Core White straight from the container. Core White is user friendly and may be printed through 86—230 mc in (34 - 90 mc cm) mesh range without modifying the viscosity. The tack free formulation allows increased coverage, therefore, finer mesh may be used for the softest hand with good opacity.

**\*Note to 100% Cotton users:** 100% cotton could have a ghost image appear if printed with low bleed inks. Core White is not Low Bleed and can be printed on 100% Cotton. Core White is not recommended for polyester or polyester/cotton blends.

### Recommended Printing Techniques

- Load ink into mesh opening with hard, sharp squeegees.
- Only the image area should be filled with ink.
- Transfer ink to the fabric surface with a light squeegee pass.

### Special Recommendations

- Plastisols are THERMOPLASTIC requiring heat for proper curing.
- Wash for a minimum of 5 wash/dry cycles to test for cure.
- Stir plastisols prior to printing.
- Do not dry clean, use bleach, or iron printed image area.