PURE WHITE

BRIGHT WHITE WATER BASE INK

GENERAL DESCRIPTION

Pure White is an extremely bright white ink for waterbase printing. This ink is Ready-For-Use "RFU". Pure White is a high opacity ink with great color reflection for a strong vivid color. It can be printed as a direct white or used as an underbase white. Pure White can also be used with CCI's CMS pigment system. Pure White has a thicker viscosity than normal waterbase inks, but it's reology allows it to flow through higher mesh counts. This produces very fine image detail and a softer finish. Pure White can be printed in long runs without drying in the screen. Pure White is designed to be used with suitable, non-coated, cotton fabrics and some polyester blends. Test your substrate first to make sure the ink works properly.

ADVANTAGES

- Exceptionally Soft Hand
- High Opacity
- Produces Extremely Bright and Crisp Color
- Low Odor
- PVC, & Phthalate Free
- CPSIA complaint
- Superior Color/ Wash Fastness
- Easy to Use – Medium Viscosity
- Dry Cleaning / Ironing Resistant
- Does not "Dry-Out" on the Screen
- Easy Clean-Up
- Recommend Mesh/Fabric = 86.100 to 305.34 t/in

QUICK TIPS

- Misting the screen, with water, during high production runs will keep the ink from drying out.

PREPARATION

Screens must be prepared with a water-resist emulsion to prevent stencil breakdown on press. Post-hardening the stencil is recommended for long print runs. If using with a pigment system, mix in pigment at the desired shade or level. Pure White may be thinned with water, if a lower viscosity is required, up to 10% max.

APPLICATION

The mesh/fabric count that is being used will determine how much squeegee pressure should be used. Typically heavy squeegee pressure is preferred. Print wet-on-wet without flash curing, or print flash print for more opacity. Misting the on-press screens occasionally with water during long print runs is helpful. The printed fabric should be cured for a minimum of 90 seconds at 320 °F. Ideally the printed fabric should be cured for 2-3 minutes at 340-350°F. High volume forced air is recommend during curing. Proper curing is extremely important. Degree of color/wash fastness is dependent on proper curing. Add CCI's EnviroLine® Retarder, up to 5%, to provide more open time of the wet ink to prevent drying in the screens.

WASH-UP

General wash-up, on ink that has not dried up, can be done with water. CCI's EnviroSolv® should be used for an on-press cleaner and screen opener. Specialty products like CCI's WB-1 are ideal for dried up ink and tough haze stains left behind on the fabric.

NOTE

Always pre-test for complete cure, durability, and other specific requirements.

PACKAGING

-Quart (2.65 lb. container)
-Gallon (10 lb. pail)
-5 Gallon (50 lb. pail)
-55 Gallon (500 lb. drum)

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