

# GLOBAL DC 1401 WHITE



GLOBAL DC 1401 WHITE is an acrylic emulsion polymer-based discharge ink designed for textile screen printing, especially on dark fabrics. It is a PVC and Phthalate-free acrylic polymer offering brilliant color results combined with a very soft hand feel. This product is activated by mixing with GLOBAL AQ DC ACTIVATOR (in powder form), which removes the fabric's original dye, restoring the fibers to their natural color while simultaneously adding new color using GLOBAL PE COLOURS. The fabric must be 100% cotton dyed with reactive or corrodible dyes for best performance. GLOBAL DC 1401 WHITE produces a flexible ink film that maintains the fabric's softness without hardening it.

It is extremely user-friendly, providing a superior soft handle, excellent opacity on dark garments, and good wash solidity to ensure lasting designs. Physically, it is a white paste, solvent-based in nature, with a pH between 7 and 8. In the formulation process, mix 1000 grams of GLOBAL DC 1401 WHITE with 60 grams of GLOBAL AQ DC ACTIVATOR. For color discharge, a small amount of pigment colorant can be added as needed.

During the curing process, apply one layer of the mixed ink onto the fabric and cure at 160°C (320°F) for three minutes for best results. The shelf life is one year from the date of manufacture, provided it is stored at 65°F–95°F (18°C–35°C) in a cool, dry environment. Always keep the container tightly sealed to prevent drying, contamination, and humidity exposure. Proper storage will maintain the ink's high performance and quality.

#### IDEAL FABRIC

100 % cotton or polyester blends

#### STORAGE

In cool dry and properly closed  
(18°C to 32°C)

#### ADDITIVES

5 % if require for dark color prints

#### CLEAN UP

Wash off screen using  
water and mild detergent

#### CURING

160°C for 3 minutes

#### MESH

80-180 +/-in


#### APPLICATION


1-7 % by weight  
DC 1401 White -94 to 98 %  
Global Activator-2 to 6 %  
Then add pigment Dispersion max 7 %

#### SQUEEGE & STENCIL


Solvent & Water resistant emulsion  
60 to 75 durometer sharp edge

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