

GLOBAL DC 1400 CLEAR



GLOBAL DC 1400 CLEAR is an acrylic emulsion polymer-based discharge ink specially developed for textile screen printing on dark fabrics. It is a PVC and Phthalate-free acrylic polymer that offers brilliant color prints with an extremely soft hand feel. This product has been specifically formulated to achieve bright, vivid colors on dark garments while maintaining excellent flexibility so that the fabric remains soft and comfortable. The ink base is activated by mixing it with GLOBAL AQ DC ACTIVATOR (in powder form), which discharges the original fabric dye, bringing the fiber back to its natural color, and simultaneously colors it when GLOBAL PE COLOURS are added. It is ideal for use on 100% cotton fabrics dyed with reactive or corrodible dyes.

GLOBAL DC 1400 CLEAR forms a flexible ink film that does not stiffen the fabric. It is highly user-friendly, offering a superior soft handle, good opacity on dark garments, and excellent wash solidity for long-lasting designs. Physically, it appears as a clear paste, solvent-based in nature, with a pH ranging between 7 and 8. The recommended formulation process involves mixing 1000 grams of GLOBAL DC 1400 CLEAR with 60 grams of GLOBAL AQ DC ACTIVATOR. For color discharge effects, a small amount of pigment colorant may be added to this mixture depending on the desired shade.

For curing, apply one even layer of the prepared mixture onto the fabric and cure it at 160°C (320°F) for three minutes to ensure proper discharge and color fixation. The shelf life of GLOBAL DC 1400 CLEAR is one year from the date of manufacture. It should be stored at a temperature range between 65°F and 95°F (18°C - 35°C) in a cool, dry environment. Always keep the container tightly closed to prevent drying, humidity, and contamination, ensuring the ink maintains its optimal performance over time. Proper handling and storage will deliver consistent, high-quality printing results every time.

IDEAL FABRIC

100 % cotton or polyester blends

STORAGE

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

ADDITIVES

3 % AquaFix additives
for small dryers

CLEAN UP

Wash off screen using
water and mild detergent

CURING

160°C for 3 minutes

MESH

60-180 +/in
monofilament


APPLICATION


It should be used right from the
container without any modification

SQUEGEE & STENCIL


Solvent & Water resistant emulsion
65 to 70 durometer

The Global Inc.(India)

 4/18 3rd cross street, (opp.Vinayagar Temple),
Karuvampalayam,
Tirupur -641 604

 +91 424342677,4324677

 www.theglobalchem.com

 sales@tglibm.com
info@tglibm.com