

GL 506 GLOBAL HIGH OPAQUE WHITE



GL 506 GLOBAL HIGH OPAQUE WHITE is a premium water-based ink from the GLOBAL AQUA SERIES, specifically engineered for textile screen printing applications. This ink is designed to deliver a semi-bright finish and offers excellent coverage, particularly over dark-colored fabrics. Its formulation is enhanced with concentrate additives that maintain the ink's fluidity for an extended period, thereby preventing premature drying on the mesh and reducing the risk of clogging during printing. The ink forms a flexible film on the fabric surface, ensuring that it does not stiffen the fabric even after multiple washes or heavy application. One of the key advantages of GL 506 is its minimal drying property, which allows for more extended print runs without the constant need to clean the screen.

The formulation process is straightforward: apply one layer of ink, flash dry or pre-dry, then repeat the process before layering on other colors. This technique ensures a strong base layer, enhancing the vibrancy and performance of subsequent colors printed over it. GL 506 is ready to use straight from the container and requires thorough stirring before use to ensure consistency. During the curing process, the printed fabric should be heated at 160°C for 3 minutes to achieve optimal durability and wash resistance.

The shelf life of GL 506 GLOBAL HIGH OPAQUE WHITE is one year from the date of manufacture, ensuring long-term usability when stored correctly. It should be kept in a cool, dry environment with a stable temperature range between 65°F and 95°F (18°C to 35°C). Proper storage helps maintain the ink's consistency and prevents contamination, drying, or moisture absorption. Containers should always be tightly sealed when not in use to extend the product's working life and ensure optimal performance.. It addresses common printing issues such as clogging, premature drying, and fabric hardening, making it highly efficient for both manual and automatic printing processes.



IDEAL FABRIC

100 % cotton or polyester blends



STORAGE

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



ADDITIVES

3 % if require add Aqua Reducer



CLEAN UP

Wash off screen using
water and mild detergent



CURING

160°C for 3 minutes



MESH

110-200 +/-in
monofilament



PIGMENT LOADING

GI 506 Global high opaque White
used in right container without
any modification



SQUEEGEE & STENCIL

Any direct or indirect emulsion
60-70 durometer, sharp edge

The Global Inc.(India)



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



+91 424342677,4324677



www.theglobalchem.com



sales@tgllbm.com
info@tgllbm.com