



VIVID ZEBRA DZ 803

Premium Textile Emulsion

Premium Water Resistant

Diazo 'Dual Cure ' Photopolymer Direct Emulsion

ZEBRA DZ 803: Direct Emulsion is based on the latest **DUAL-CURE-PHOTO-CURING CHEMISTRY**. The system incorporates all the processing features of Daizo Sensitiser coupled with the advantages of a photopolymer to produce a screen of the highest quality. The ready-made stencil can be post-hardened by light to increase the resistance against against water-based inks.

Properties of ZEBRA DZ 803: Highly resistant to all Textile ink systems. Exceptional durability for long print runs. Outstanding resistance to high humidity processing conditions. Excellent resolution and definition, optimum stencil contrast as well as speed of emulsion. The dual-cure **ZEBRA DZ 803** is partially sensitized and should be handled under yellow safe light conditions.

Stencil Type: Universal, Violet, 2 pack, dual cure photo polymer direct emulsion having 48% Solid content.

Ink Resistance: Excellent Chemical resistant to all types of inks Pigment, Discharge, Plastisol, Adhesives, Pastes and all water-based textile inks.

- High Solids Content 48 % (Unsensitised)
- Medium High Viscosity
- Screens have excellent definition and resolution
- Excellent mesh bridging
- Good see-through for easy registration/setting up
- Screens can be reclaimed
- Highly Resistant to Discharge inks
- Can be post hardened with Rapocure for permanent screens

Application :

ZEBRA DZ 803 is highly recommended for Garment, fabric printing, textile and Ceramic printing applications for four colour halftones and speciality printings. **ZEBRA DZ 803** is easy to handle and has a long shelf life, applications for high build with minimum coatings with fast drying, good print durability, and produces sharp print definition. This Emulsion is resistant to all water based dye and pigment systems found in textile printing such as Discharge Inks and as well as water based inks, plastisols, adhesives and pastes used in Ceramic and Garment printing.

DIRECTIONS FOR USE:

1. Fill the Diazo bottle upto the 1/4 shoulder with water and shake well to dissolve completely. Add this liquid to the emulsion and once again fill the Diazo bottle upto the 1/4 shoulder with water and shake well to dissolve completely the remaining Diazo in the bottle as well. Add this liquid also to the emulsion and mix thoroughly with a wooden paddle. After these components are completely mixed allow to sit the Emulsion in a cool and dark place with the lid tightly closed for 8 hours prior to coating to eliminate foaming and bubbles.
2. Meanwhile clean and degrease screen properly using ZEBRA Screen Degreaser.
3. Coating may be applied with a manual coater or automatic coater.
4. Dry the screen in a horizontal position with the print side down. Heated air may be used (not to exceed 40 Degrees C temperature or 104 Degrees F).
5. Refer to the exposure chart for approximate exposure time and use an exposure calculator and/or step wedge for specific exposures with your equipment.
6. The image should be washed out using a cold water spray. A pressure washer will not damage the stencil if used in a reasonable manner. Wet the stencil completely on both sides and let stand for 30 seconds or 1 Minute. Turn the screen around and lightly rinse the squeegee side to remove any residue.
7. Blot the screen with newsprint or a piece of cotton cloth to remove any excess water. Dry the screen in a horizontal position with the squeegee side down.

VIVID ZEBRA DZ 803 does not require hardening with a separate Hardener and is easily reclaimed without using Hardener.

If a permanent screen is required then it can be post hardened with a **ZEBRA CURE** Screen Hardener 'R'. After hardening the Screen the Stencil cannot be reclaimed.

Disclaimer- This data sheet is for your information, Please check the product's suitability for a peculiar application before use.

No responsibilities can be undertaken for occurring damages. Our products are subject to a continuous production and quality control and leave our factory in perfect condition.

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