PRODUCT INFORMATION BULLETIN

P11079 ZFT DISCHARGE BASE ULTRA

PRINTOP™

ZFT Discharge Base Ultra is a water-based textile base for PRINTOP™ discharge printing. It has been specially formulated to be printed on dark fabrics achieving intense colors with a very soft touch. This base is activated when mixed with ZFT Activator (powder), thus fading the dye from the fabric and leaving the fiber in its natural color and simultaneously dyeing it with color using AQP PD Pigments. It has the ability to mask the classic odor of the agent, achieving a better aroma in the work environment. The fabric used must be 100% cotton dyed with reactive dyes.

HIGHLIGHTS

- Corrosion base
- Soft finish

COMPLIANCE

- https://specialty-inks.upwardsites.com/services/compliance-support
- Free of restricted phthalates

PRECAUTIONS

- The user shall carry out his own tests to determine and check the chemical contents of his prints and the provisions of this Technical Data Sheet before mass production, ensuring that he meets the requirements of his customers with respect to chemical contents.

PRINTING TIPS

- Apply one coat, pre-dry and thermoset.
- Homogenize first the base with the pigment before adding the Agent.
- The Base + Agent mixture lasts for 6 hours, after this time the product will lose effectiveness.
- To obtain different colors: 1kg -> ZFT Discharge Base Ultra, 50g (5%) -> ZFT Activator, 60g (6%) -> AQP PD Pigments
- To obtain fluorescent colors: 1kg -> ZFT Discharge Base Ultra, 50g (5%) -> DCH Classic Activator ZF, 100g (10%) -> AQP PD Fluo Pigments
- Always carry out a test of finishes, shades, heat setting and washing before mass production.
- The user must determine the adaptability and applicability of the product for its intended use, checking all the properties described in this data sheet, assuming all the direct and indirect consequences that this use entails.

RECOMMENDED PARAMETERS

Fabric Types
100% cotton dyed with reactive or corrodible dyes.

Flash & Cure
Flash: 320°F (160°C) 3 seconds in hot pallets
Cure: 60 seconds a 320°F(160°C)

Clean Up
Water

Mesh
Count: 43 – 90 (threads/cm)
Tension: 18-35n/cm3

Pigment Loading
10 %

Health & Safety
SDS: Contact your sales representative.

Squeegee
Durometer: 60
Profile: Rectangle
Stroke: x2 stroke, medium speed
Angle: 15°

Additives

Stencil
Direct
Off Contact: 1/16” (2mm)
Emulsion Over Mesh: 15-20%

Storage
Store in a cool, dry environment between 18°C to 35°C (65°F to 95°F). Keep container closed to prevent drying and/or contamination.

AVIENT™

AVIENT SPECIALTY INKS

V1.25 (Modified: 16/07/2025)