FUJIFILM SERICOL

Xtend ZT639 Screen Wash Universal

1. Product Description & Overview

Sericol Xtend ZT639 Screen Wash Universal is a highly powerful and efficient solvent blend formulated explicitly for graphic and industrial screen printing operations. It is designed to rapidly dissolve and remove a wide variety of screen printing ink residues from the mesh without causing adverse degradation or swelling to the stencils (excluding standard solvent-adhered films).

- **High Efficiency:** Rapidly completely dissolves stubborn graphic, plastic, and multi-purpose inks.
- **Cost-Effective:** Replaces expensive, dedicated thinners or special retarders used for cleaning operations.
- **Stencil Safe:** Formulated to prevent degradation on recommended emulsions (such as the Dirasol range) and Capillex capillary films.
- **Zero Oily Residue:** Features an optimized evaporation rate that ensures a perfectly clean, dry mesh ready for subsequent print cycles.

2. Technical Specifications & Data

Parameter	Specification / Value
Product Code	ZT639
Product Family / Series	Xtend Solvents & Cleaners
Appearance / Color	Clear, completely colorless liquid
UN Number Classification	UN 1210 (Class 3 Flammable Liquid)
Customs / Commodity Code	38140090
Standard Container Sizes	5 Liters (5LTR), 25 Liters
Country of Origin	United Kingdom / European Union (Made in ES)

3. Application & Directions for Use

ZT639 is exceptionally flexible and is highly optimized for two primary screen cleaning methodologies:

Manual Screen Cleaning (Wash-Up)

1. Apply ZT639 Universal Screen Wash generously to both sides of the contaminated screen using a clean, lint-free cloth or a dedicated soft rag.

1. Gently rub the mesh in a circular motion until all ink residues completely dissolve and liquefy.
1. Wipe away the liquefied residue using a secondary dry cloth. The fast evaporation rate ensures the screen dries cleanly without leaving an oily film.

Automatic Screen Washing Machines

ZT639 is entirely safe for machine use. Ensure the automated system is fully grounded to prevent any static charge accumulation from volatile flammable solvent vapor.

Critical Printing Note:

Oxidation-drying and catalysed chemical inks *must be washed up immediately* upon completion of the print run. Once residues of cross-linked or reactive catalysed inks fully harden on the screen mesh, they form an insoluble structure that cannot be entirely broken down or removed by ZT639 or regular solvent mixtures.

4. Storage, Safety & Handling Precautions

- **Ventilation:** Always utilize ZT639 within a highly ventilated workshop environment. The strong solvent odor necessitates continuous fresh airflow.
- **Storage Temperature:** To maintain maximum chemical shelf life and ensure physical integrity, keep the containers sealed and stored at temperatures strictly between **10°C to 25°C** (50°F to 77°F).
- **Fire Prevention:** ZT639 is an aromatic flammable mixture classified under UN 1210. Keep completely isolated from naked flames, hot surfaces, sparks, or strong oxidizing compounds.
- **Personal Protective Equipment (PPE):** Operators must wear appropriate solvent-resistant protective gloves, safety goggles, and protective apparel to avoid direct dermal or optical contact.