



POLYZOL PLUS TEX (FT-TX1)

Main Characteristics

Number of components

One pot/Red colour

Solid content (unsensitized) %

40 %

Preparing the Screen

- New screen should be abraded with Screenprep (SPR034) before use for optimum stencil durability.
- Degreasing the screen, use Degreaser Plus (P-6419)

Coating

Manual

- Apply one or two coats of Polyzol Plus Tex, wet on wet, to the print side of screen.
- Apply one or two coats of this emulsion, wet on wet, to the squeegee side of screen.
- If a higher build of Polyzol Plus Tex is required extra coats should be applied, wet on wet to the squeegee side.

Automatic

- When using an automatic coating machine, a simultaneous single coat on each side of the screen is recommended.
- If higher builds are required, extra coats should be applied to the squeegee side of the screen.

Remark

- Keep the screen and all screen handing areas dry until exposure is complete.

Drying

Put coated screen in hot air oven with squeegee side up. Do not exceed 40 °C.

Solvent Resistance Rating

Solvent	Rating
Water	Excellent
Cleaner	Good

Table of Exposure Guide

Screen mesh, Colour	E.O.M (um)	Distance	3kw Metal Halide Lamp
Polyester 48/cm, White	10-15	100 cm.	20-30 sec.
Polyester 61/cm, White	10-15	100 cm.	20-30 sec.
Polyester 120/cm, White	5-8	100 cm.	15-25 sec.
Polyester 120/cm, Yellow	5-8	100 cm.	20-30 sec.

* The above is for guideline purposes only. Please use a grayscale exposure calculator to identify optimal exposure time.



Developing

Place the screen in washout booth and gently spray both sides, increase the spray pressure slightly. Continue developing until or parts of the image appear clean and sharp.

Spotting

Check for pinholes or blemishes. Spot out with a suitable filler use Screen Filler (22997)

Reclaiming the Screen

- Screenstrip Powder (SST002) thoroughly to both side of the stencil.
- Screenstrip Liquid (SST004) thoroughly to both side of the stencil.
- Screenstrip Paste (SST007) thoroughly to both side of the stencil.

Recommended inks

Water based ink, plastisol ink and discharge ink.

Caution

Special safelight is not essential, but yellow or weak illumination is desirable.

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SUPERB SUPPLIES SERVICE FOR SCREEN AND DIGITAL

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Features

- Ultra fast exposing photopolymer emulsion
- Resistant to water-based, plastisol and discharge inks
- Outstanding resolution and edge definition
- Suitable for halftone or photographic designs
- Excellent wet strength, exposure latitude and durability
- Suitable for use with water based inks when hardened with Patly.

Standard Packing

25 Kg, 5 Kg and 1 Kg

Safety and Handling

- Is free from any toxic, carcinogenic, mutagenic and reprotoxic chemicals.
- Does not have a flashpoint and is, therefore, exempt from the Highly Flammable Liquid Regulations.
- Should be stored away from children.
- Comprehensive information on **the Safety and Handling of Polyzol Plus Tex** in Safety Data Sheet.

Storage

- Storage temperature should not be over 25 °C. It should be stored in a dry location with good ventilation and away from heat or ignition sources.
- When stored under these conditions, It is expected to have a shelf-life of 12 months. from the date of manufacture.
- Close the bottle tightly after every use.

Certified Standards

- FT-TX1 is made by Kulwong Co., Ltd. with ISO 9001/ISO 14001/BS OHSAS 18001 & TIS 18001 Certified by TUV NORD (Thailand) Ltd.

FT-TX1 2-2101