



## POLYZOL TEX (FT429)

### Main Characteristics

#### Number of components

One pot/ Pink colour

Solid content (unsensitized) %

44 %

#### 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 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 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.

#### Drying

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

#### Table of Exposure Guide

Light Source	Distance	Length of Exposure Time*
3000W Metal Halide	100 cm.	15-25 Seconds

\* Using 61-64W Polyester Screen Mesh.

#### 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 with emulsion dried and re-exposed.

#### Reclaiming the Screen

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

#### Recommended inks

- Water based ink and Plastisol ink.

#### Caution

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

### Features

- One pot Photopolymer emulsion.
- Excellent latitude, resolution and definition.
- Fast exposure.
- Long print durability.
- For the textile industry.
- Suitable for use with water based inks when hardened with Patly.

### Standard Packing

5 Kg and 1 Kg

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### 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 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

- FT429 is made by Kulwong Co., Ltd. with ISO 9001/ISO 14001/BS OHSAS 18001 & TIS 18001 Certified by TUV NORD (Thailand) Ltd.

