



Compatible with all exposure systems and inks

DTS Universal hybrid photopolymer emulsion is designed for use with direct to screen applications. DTS Universal provides these additional benefits:

- **Excellent mesh bridging**
- **Sharp image quality**
- **Compatible with Plastisol, Water-based (including Discharge & HSA) inks as well as solvent cleaning**
- **Ideal for use with DTS exposure systems**

Premium Quality

DTS Universal direct emulsion allows screen makers to obtain excellent image quality and durable stencils.



CHEMICALS RECOMMENDED

Chroma/Wet™ iSC
degreaser / adhesion promoter

Chroma/Strip™ iSC
ready-to-use stencil remover

MATERIALS REQUIRED

Exposure unit
Clean work area
Washout area
Scoop coater

RECOMMENDED
Pressure washer

SAFETY AND HANDLING

DTS Universal emulsion should be handled like any other direct emulsion. This material is not hazardous when used within reasonable standards of industrial hygiene and safe working practices. Refer to SDS for further information.

STANDARD SIZES

Gallon, 3.5 gallon, 50 gal. drum

SPECIFICATIONS

Appearance: Blue
Solids: 37%
Viscosity: 11,500 CPS

STORAGE

DTS Universal emulsion should be stored at room temperature and should not be stored at temperatures above 80°F (27°C) or below 32°F (0°C). DTS Universal emulsion should be stored in its original container.

Protect from freezing. DTS Universal is not freeze/thaw stable.

DTS UNIVERSAL



INSTRUCTIONS

DEGREASE

Work up a lather on both sides of mesh to degrease. Be sure to use only a high-quality mesh degreaser, such as Chroma/Wet iSC designed specifically for this purpose. Rinse thoroughly.



COAT

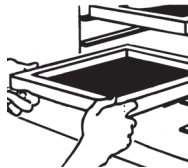
Fill scoop coater with room temperature emulsion. Slowly apply first coat to print side. Next, coat squeegee side with 1-3 coats depending upon thickness required.

For most art, a 1X1 coating will be optimal. If a thicker stencil is required, apply additional wet-on-wet coatings from the squeegee side.



DRY

Dry screen thoroughly in horizontal position with print side down, using a completely clean and dark drying cabinet. Temperature should not exceed 110°F (43°C). Relative humidity should not exceed 50%; lower RH provides faster drying and allows for more efficient curing.



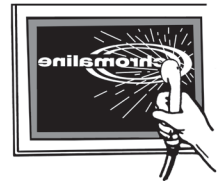
EXPOSE

Exposure tests must be performed on the DTS Machine to determine proper exposure times.



DEVELOP

Gently spray both sides of screen with lukewarm water, wait 30 seconds then gently wash print side of the screen until image is fully open. Rinse both sides thoroughly. Dry screen completely and you are ready to print.



RECLAIM

Apply a high quality screen reclaimer, such as Chroma/Strip iSC to both sides. Scrub area to be reclaimed with a stiff nylon brush to ensure entire surface is wet and let sit until stencil begins to dissolve. Remove stencil residue with pressure washer, then rinse with hose, thoroughly flooding screen and frame.



*Do not let reclaimer dry