chromaline SCREEN PRINT PRODUCTS

USER'S GUIDE

Quick Film™

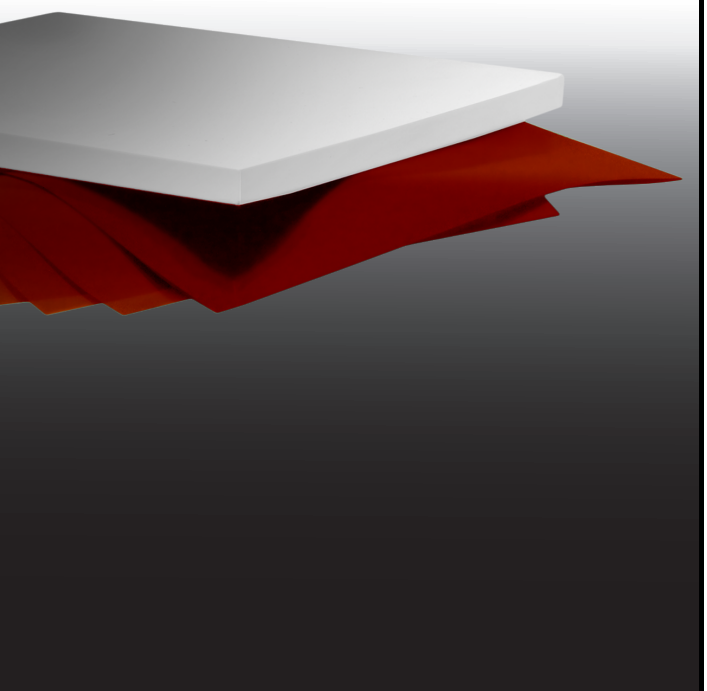
PHOTOPOLYMER CAPILLARY FILM

Quick Film is a pure photopolymer capillary film ideal for the textile printing industry. Quick Film can be used as a capillary film or it can be easily laminated with any Chromaline textile emulsion.

- **Reproduce screens consistently**
- **Speeds up production**
- **Excellent halftone imaging**
- **Easy to register**
- **Reduces labor and process time**
- **Fast application**

Clean and Consistent

Quick Film is fast, clean and consistent. Ideal for the textile printing industry.



CHEMICALS

REQUIRED

Chroma/Wet™ *iSC*
degreaser / adhesion promoter

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

RECOMMENDED

Chroma/Fill™ Red *iSC*
permanent screen blockout

Chroma/Last *iSC*
stencil hardener

MATERIALS

REQUIRED

Exposure unit
Clean work area
Washout sink

RECOMMENDED

Drying cabinet
Pressure washer
Exposure calculator

SAFETY AND HANDLING

Quick Film should be handled like any other capillary film. This material is not hazardous when used within reasonable standards of industrial hygiene and safe working practices. Refer to the SDS for further information.

STANDARD SIZES

15"X17" sheets, packages of 10 or 50

STORAGE

Quick Film should be stored at room temperature and should not be stored at temperatures above 80°F (27°C) or below 32°F (0°C). Film degrades quickly if stored above 110°F.

Presensitized Quick Film is light sensitive. Open under yellow or subdued lighting. Storage recommendation: Unexposed film should be sealed in its original container.

Coated, unexposed screens can be stored up to one month in a clean, dry and completely dark area.

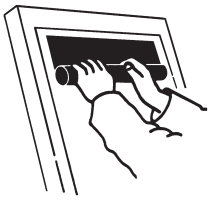
Quick Film™
PHOTOPOLYMER CAPILLARY FILM

INSTRUCTIONS

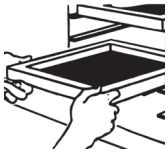
DEGREASE
Work up a lather on both sides of mesh to degrease. Be sure to use only a high-quality mesh degreaser, such as Chroma/Wet iSC designed specifically for this purpose. Rinse thoroughly.

WET
Capillary films require a thoroughly wet screen. With the screen in a vertical position, paint Chroma/Wet iSC wetting agent onto the print side of the screen. (Use a clean brush just for this step.) Wait a moment, then flood the entire screen with a garden-type hose.

ROLL-DOWN
Roll the film up, emulsion side out. Reflood the screen with water and attach the roll of film to the top of the print side of the screen. With slight pressure, roll the film down until the entire piece is in contact with the mesh. Use a window squeegee to remove excess water from the squeegee side only.



DRY
Thoroughly dry the screen in a dark area, then remove the carrier. You will know the film is dry when the carrier peels off easily. If the carrier makes any noise when being pulled off, or resists being pulled off, additional drying time is needed. Do not exceed high temperatures of 110°F (43°C).



EXPOSE
After polyester carrier is removed, place emulsion side of photopositive in contact with print side of screen. Next, expose in preferred exposure unit. Run an exposure test to determine your correct exposure.

EXPOSURE GUIDELINES
Note: Exposure times are suggested only as a guide. Perform a step test to determine proper exposure times. Individual exposure times may vary depending upon the equipment used, bulb age, and other shop conditions.

Film Thickness	Time	Color
40 micron	40 - 70 sec.	Red

Exposure times were set for a 5kW unit at 40" (1 meter) from the frame using yellow mesh.

Mesh Selection
40 micron — use 230-156 mesh

DEVELOP
Gently spray both sides of the screen with lukewarm water. Wait approximately 30 to 60 seconds, then wash the print side of the screen until the image is fully open. Rinse both sides thoroughly. Dry the screen completely, and you are ready to print.

RECLAIM
Apply Chroma/Strip iSC screen reclaimer to both sides of the screen. Scrub with a soft nylon bristle brush to ensure entire surface is wet and let it work for 30 to 60 seconds. Rinse thoroughly with a pressure washer.

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