

DuraCap

Pre-sensitized diazo capillary film for Plastisol, Solvent, UV, and Rubber Base Inks

DuraCap pre-sensitized diazo capillary film is designed for compatibility with plastisol, solvent, UV and rubber base inks. DuraCap is durable and has high edge definition. Printers will appreciate how "user friendly" it is to use.

Features

- Superior film penetration and adhesion
- Economically priced

APPLICATION

General textile printing

CHEMICALS

DG2200 Mesh Degreaser
ER8550 Stencil Remover

SAFETY AND HANDLING

There are no hazards associated with this product when used within reasonable standards of industrial hygiene and safe working practices. Refer to MSDS for further information.

STORAGE

Pre-Sensitized DuraCap films are light sensitive and should be opened only under yellow or subdued lighting. It is recommended that unexposed film be stored in its container in a cool, dry area.

Coated, unexposed screens can be stored as long as one month in a clean, cool dry and completely dark area.

For shelf life of up to one year, store film between 65°F and 75°F. Film degrades quickly when stored above 110°F. Store film in sealed tube when not in use.

The Roll Down Method

DEGREASE

Using DG2200 Mesh Degreaser work up a lather on both sides of mesh. Rinse thoroughly.

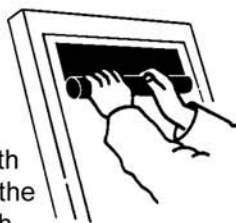


WET

Thoroughly wet screen with clean water. For additional adhesion you can use a wetting agent like Chroma/Wet.

ROLL-DOWN

Roll the film up, emulsion side out. Keep the screen in an upright tilted position. 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 squeegee side only.



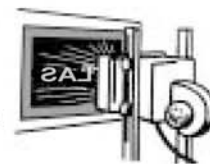
DRY

Thoroughly dry the screen in a dark area (avoid high temperatures of 110°F and up). Remove the carrier just before exposing. If the carrier resists being pulled off, additional drying time is needed.



EXPOSE

With polyester carrier peeled off, place the emulsion side of the positive against the print side of the screen in an exposure frame. Run an exposure test to determine your correct exposure.



DEVELOP

Gently spray both sides of the screen with tepid water. Wait approximately 30-60 seconds, 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 ER8550 stencil remover to both sides of the screen. If using a squirt applicator, use a scrub brush to ensure entire surface is wet and let it work for 30-60 seconds. Pressure wash out.



EXPOSURE GUIDELINE

65-85 sec.

Exposure time was set for a 5KW Metal Halide unit at 40" from the frame. All screen mesh is 230T amber. The use of an exposure calculator to determine the correct time for your equipment is recommended.

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