



DL Series Decal Lacquer Screen Ink



SUBSTRATES: LACQUER, DECALS (SLIDE-OFF AND FACE-DOWN), LEATHER,
PAPER CARDSTOCK
USES: DECALS

Product Information

These inks were formulated primarily for the printing of decalcomanias. They can also be used for printing on paper or cardboard or other select surfaces where a smooth, flexible lacquer film is required.

Printing Procedure

Step 1. Print solid coat-out of DL170 Gloss Clear straight from container, using 135 monofilament fabric and using a slightly rounded squeegee to obtain a heavy deposit. The shape should conform roughly to the shape of the decal but should be approximately 1/16 to 1/8 inch larger than the actual colors printed subsequently.

Step 2. Print design, using DL colors. Use any screen fabric up to 230 mesh monofilament.

Step 3. Print a final coat of DL170 Gloss Clear, using the same screen as for Step (1). This step is optional, but will assure a tough, flexible decal which may be adhered without distortion. For a uniform, lusterless finish, use DL172 Flat Clear as a final coat.

Step 4. When the decal is to be adhered to the inside of glass, print solid coat-out of 2040 Decal Adhesive.

Application Information

Drying: By solvent evaporation. Air-dry one to two hours.

Opacity: All colors are opaque.

Coverage: 1000 to 1200 square feet per gallon.

Thinners, Additives: Use straight from container or thin with IL180 Lacquer Thinner or RE180 Retarder, DL170 Gloss Clear for metallics.

Fabrics: 155 to 230 mesh monofilament.

Stencils: Direct emulsions, indirect photographic film or water-soluble knife-cut film.

Wash Up: VF184 Screen Wash.

Packaging: Available in quart and gallon containers. DL111, DL112, DL170, IL180, RE180 and VF184 also available in five gallon containers.

Color Range

DL102	Fire Red
DL103	Brilliant Red
+ DL108	Maroon
+ DL111	Black
+ DL112	White
+ DL114	Brown
DL124	Orange
DL130	Primrose Yellow
DL132	Lemon Yellow
DL134	Chrome Yellow
DL142	Emerald Green
+ DL146	Permanent Green
DL148	Dark Green
+ DL152	Light Blue
+ DL156	Brilliant Blue
+ DL158	Dark Blue
+ DL159	Permanent Blue
DL170	Clear (Gloss)
DL172	Clear (Flat)
+ IL180	Thinner
+ RE180	Retarder Thinner
+ VF184	Screen Wash
2040	Decal Adhesive

+ Based on information from our suppliers, these products are made from raw materials that contain less than 0.06% lead. If necessary, written certification of lead content and/or other heavy metals can be obtained through an independent laboratory.

It is the printer's responsibility to pre-test the ink selected prior to engaging in a production run.

No. 2040 Decal Adhesive

A water soluble adhesive for printing onto finished decals on simplex paper. Soluble in water after drying. Becomes adhesive and enables a transfer to be made with perfect adhesion to the surface. Decals should be thoroughly dry before applying this adhesive. Mix well before using. Recommend for use with 180 mesh. See DL Ink page for usage information.

Available in quart and gallon containers.