RUBYLITH®

KNIFECUT MASKING FILM

Rubylith is a red colored knifecut masking film intended for use with silver halide camera film, and for pre-press work for offset lithography, flexography, gravure, etc. wherein films and plates have orthrochromatic sensitivity. It can also be used as a mask for screen process photographic stencils.

INSTRUCTIONS

Cutting

Tape a sheet of Rubylith and the artwork to the work surface in all four corners.

Cut on a hard surface, with only the artwork between the masking film and the work surface. A light table makes a particularly good cutting surface, combining good visibility with a hard, glass work surface.

Use only a sharp cutting blade. A dull blade will tear the film causing poor edge definition.

Hold the cutting blade as nearly perpendicular to the film surface as possible in order to make straight cuts with well-formed, 90-degree emulsion "shoulders." Angled cuts cause poor edge definition—leading to light leaks along cut edges.

Do not bear down when cutting. The emulsion is less than 2/1000 inches (50 microns) in thickness. Excess pressure causes poor edge definition—with light leaks along cuts.

Peeling or Weeding

Do not use the film cutting blade to peel away the cut film, as that risks snapping off the very tip of the blade that does the actual cutting, thereby dulling the blade. Instead, use a separate peeling tool, preferably made of soft metal and with a blunt blade. Filed-down tweezers or toothpicks make good peeling tools, too.

Place the point or dull blade of the peeling tool approximately 1 mm. inside the cut line on the surface of the film that is to be lifted. Push the film away from the cut line and raise a small portion of emulsion from the polyester backing. Push the film to gradually enlarge the area of the peeled film until it can be grasped between the forefinger and the peeling tool point or blade. Peel away the film to open a "window" in the polyester through which light will pass.

PRODUCT DATA

Storage: 18 months

Rubylith has a single, "Ulano Universal Tack Level," and is coated on 300- and 500-gauge polyester. The products are designated RU (Rubylith "Universal") in 3 or 5 mil polyester thicknesses" RU3 and RU5.

FORMATS

Rubylith RU3 and RU5 is available in rolls 40" X 300" and 40" X 1200" (ca. 102 X 762 and 102 X 3048 cm.), and in custom-cut sheets.

Rubylith RU3 is also available in 1800" (approx.. 708 cm.) rolls—un-perforated—for automated film cutting devices in the following widths: 15" (ca. 38cm.), 24" (ca, 61 cm.), 30" (ca. 76 cm.), 36" (ca. 91 cm.), and 48" (cqa. 122 cm.).

1206dm, rev.414