

Tech Tip 103

Cover Films

MacDermid M Film Clear and M Film Matte Cover Films provide excellent flatness and easy handling during photopolymer platemaking. The matte finish of M Film Matte will leave a micro-roughened finish to the printing plate, reducing the tack of the plate and improving ink transfer. M Film Clear is recommended for high-end screen work and allows for easier inspection of the negatives prior to dispensing resin.

USE

M Film Clear Cover Film should be unwound from the roll so that the outside of the film is toward the resin. The outside can be verified as the correct side using ordinary adhesive tape. Place a piece of tape on both sides of the film and lift off. The tape will make a tearing sound as it is lifted from one of the sides. This is the side that should be used toward the resin.

M Film Matte Cover Film should be unwound from the roll so that the matte side of the film is toward the resin. The matte side is markable with a pencil.

Handle the M Film Clear and M Film Matte Cover Films carefully to avoid creasing, wrinkling, or scratching. Before smoothing the film across the lower glass of the exposure unit, make sure the brush roller is clean to avoid scratching the film or transferring dirt or dust to the surface.

STORAGE

Never stand Cover Film rolls on end. Cover Film rolls should always be stored horizontally on the core chucks provided in the package.

AVAILABILITY

M Film Clear Cover Film is available to fit the following MacDermid liquid exposure units: 1826, 2228, 3040, 3048, 4080, 4260, 4460, 5280, and 52110 platemaking systems.

M Film Matte Cover Film is available for 3040, 3048, 4260, 4460, 5280, and 52110 platemaking exposure units.

M Film Matte Cover Film is also available for 3048 Letterflex systems.