

GraphLine® *Optima*™

Base

All imagesetting films are coated on a 4 mil or 7 mil dimensionally stable polyester base.

Safelight Recommendations

T20/ND .75 or equivalent.
Film should be kept a minimum of 4 feet from light. Do not expose to safelight for longer than 2 minutes.

Exposure

HN/LD and HN/HD films are intended for use with Imagesetters that have a 633 nm helium neon laser or a 630 to 670 nm red laser diode light source. IR films are recommended for use with imagesetters having a laser diode in the 780 nm range. Target density for HN/LD is 4.0-4.2 and for IR 4.3-4.6 For HN/HD 4.8 to 5.3.

Follow exposure procedures recommended by the equipment manufacturer.

Processing Instructions

HN/LD and IR imagesetting films are recommended to be processed in GraphLine rapid access developer/replenisher diluted 1 part chemistry to 4 parts water. Standard processing conditions are 95 degrees F. for 30 seconds. Faster processing of HN/LD films may be achieved by changing the chemistry ratio to 1 part developer to 2 parts water. For processing HN/HD materials use GraphLine HD developer at a dilution rate of 1 part chemistry to 2 parts water at standard processing conditions of 95 degrees for 30 seconds. Replenishment rate for all developers is 0.30 ml/sq. in. (465ml/sq.m)

Storage

Keep unexposed and processed film in a cool, dry area at 70 degrees F or lower and a relative humidity of 50%.

Imagesetting Films

High contrast rapid access processing

- IR, and dual spectrum HN/LD clear and matte based film
- Fast processing HN film at a 1:2 developer dilution ratio
- Low replenishment rates reduce production costs up to 25%
- Convenient room light loading packaging
- Coated on dimensionally stable base for optimum repeatability

