



#436, 436M HP RAIR RAPID ACCESS IR FILM

Description

#436 is a high contrast, high resolution Imagesetter Film with excellent exposure latitude designed to work with Infrared Imagesetters. For trouble free transportation this film has antistatic protection and high surface resistance properties. #436M is available with a matte on emulsion for flexo use.

Sensitivity

#436 780nm - Infrared

Safelight

Encapsulite T20/ND 1.05

Processing

Developer:*

Process in #1 Network Developers for the optimum results. Mixed 1 part with either 3 or 4 parts water.

Note: 1:3 provides slightly higher contrast and latitude.

Temperature: 95°F / 35°C

Development Time: 30 Seconds

Replenishment Rates

Developer: 25ml per square foot (.85 oz.)

Fixer: 35ml per square foot (1.2 oz.)
#1 Network Universal Fixer Concentrate,
3100 Fixer recommended with hardener.

Recommended Procedure for Processing

This procedure is suggested, to avoid an underdeveloped/overexposed situation at the imagesetter.

- 1) Cut a 3 to 4 inch strip from film protruding from take-up or feed cassette.
- 2) Develop the excessively exposed strip.
- 3) When properly developed, the strip D/Max should be 5.00 plus. With full development the emulsion sensitivity is maximized.
- 4) With a 5.00 plus D/Max, the product is ready for exposure calibration in the imagesetter. (see below).

Exposure Calibration

#436 should be exposed to produce a D/Max of 4.20 to 4.40. In Hard Dot developers at low dilution rates (Kodak RA 2000, 2020HD, & 2100), the D/Max should be 4.40 to 4.60. After correct exposure is obtained, the imagesetter should then be calibrated to proper dot percentages.

*For optimum results, process in any of these developers:

#1 Network 2100 HD Developer
#1 Network Rapid HD Developer