#436, 436M
HP RAIR RAPID ACCESS IR FILM

Description
#436 is a high contrast, high resolution Imagesetting 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: 95ºF / 35ºC

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.

Note:
When you install new films or processor chemicals, it is a good ideal to run a few "***Dr. Clean***" cleaner sheets. "***Dr. Clean***" cleaner sheets will virtually eliminate any potential for pinholes and ensure that every #1 Network film will look it's very best!

*For optimum results, process in any of these developers:
#1 Network 2100 HD Developer
#1 Network Rapid HD Developer