



#409, 409M HP INFRARED SCANNER FILM

Description

#409 HP is for use on scanners equipped with an infrared laser diode (IR) exposing source.

#409 HP is coated on an optically clear .004 antistatic polyester base.

#409M HP with matte on emulsion, .004 antistatic polyester base for flexo use.

Sensitivity

#409 HP, #409M HP Infrared 780nm

Safelight

Encapsulite T20/ND 1.05.

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

#409 HP, 409MHP should be exposed to produce a D/Max of 4.40 to 4.60. In hard dot developers at low dilution rates (Kodak RA 2000, #1 Network Rapid, 2020HD, & 2100), the D/Max should be 4.60 to 4.80. 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