



## News 88 HP HN/VLD LASER FILM

### Description

News 88 is a "unique" film designed for economy applications. By choosing a quality developer and modifying the ratio of developer concentrate to water, one can elevate this film's performance significantly.

When processed in a good processor with good recirculation, and an excellent Hard Dot developer mixed 1 part concentrate to 2 parts water, News 88 acquires beautifully "sharp edged" linear dot characteristics.

While the sharpness and acuity of News 88 dots produces tone reproduction that rivals our higher quality Hard Dot films, it does so at a somewhat lower overall density.

Another "unique" quality of News 88 is its emulsion's response to "push processing". News 88 Film adds speed and density with slightly increased development times or developer temperature, allowing the customer significant latitude to simply and easily adjust performance.

### Sensitivity

News 88            633nm to 670nm HN/Red Laser Diode

### Safelight

Encapsulite T20/ND 1.05

### Processing

#### *Developer\*:*

Process in #1 Network Developers for the optimum results. Mixed 1 part concentrate to 2 parts water.

Note: 1:3 can be utilized, but will lessen dot quality and D-Max.

*Temperature:*            95°F to 100°F / 35°C to 37.8°C

*Development Time:*    30 to 35 Seconds

### Replenishment Rates

Developer: 45ml mixed 1:2 per square foot (1.50 oz.)

Fixer: 35ml per square foot (1.2 oz.)

Recommended Fixers:

#1 Network Universal Fixer Concentrate,  
3100 Fixer - mixed 1:3

Note: Hardener should be added.

### 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 4.40 plus. With full development, the emulsion sensitivity is maximized.
- 4) With a 4.20 plus D/Max, the product is ready for exposure calibration in the imagesetter. (see below)

### Exposure Calibration

In hard dot developers mixed 1:2 (Kodak RA2000, #1 Network Rapid, 2020HD, & 2100), the D/Max should be 4.20 to 4.40. 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 idea 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

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