



NEWS 35

HARDDOT IMAGESETTING FILM

Description

News 35 incorporates the latest improvements to HardDot emulsion technology: higher quality images, better transportation, superior development and system latitude, better tint uniformity and scratch resistance. News 35 has extremely high resolution, and is fully linearized for complete, but simple calibration.

Sensitivity

News 35 633 to 670nm (HN/RLD/VLD)

Safelight

Encapsulite T20/ND 1.05.

Processing

Developer*:

#1 Network HardDot Developer
Mixed 1 part with 2 parts water

Temperature: 95°F / 35°C

Development Time: 30 Seconds

Replenishment Rates

Developer: 45ml per square foot (1.53 oz.)
Fixer: 35ml per square foot (1.2 oz.)
#1 Network Universal Fixer Concentrate,
3100 Fixer recommended with hardener.

Procedure for Processing News 35

- 1) Cut a 3 or 4 inch strip from film protruding from supply cassette.
- 2) With processor at recommended settings, develop the excessively exposed strip.
- 3) When properly and adequately developed, the strip D/Max should be 5.50 to 6.20.

**With full development,
the emulsion sensitivity is maximized.**

- 4) With a minimum of 5.50 D/Max, News 35 is ready for exposure calibration in the imagesetter.

Exposure Calibration

News 35 may be calibrated to accurately obtain a 50% dot, or 5.00 to 5.20 D/Max in the 100% solid square.

IMPORTANT: HardDot films must be processed in a **recommended "HD"** developer diluted 1-part concentrate to 2-parts water. It is also important to replenish at the recommended rates. Additional "anti-oxidation" replenishment may be required. Total replenishment should equal **at least** 1/2 of the volume in the processor tank per week in "low load" situations.

Departure from these instructions may result in "**pepper**" or thin "**pressure lines**". Both artifacts are caused by a chemical imbalance. If pepper is encountered, you must dump the developer and increase replenishment.

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 4th generation chemistry diluted with 2 parts water.

#1 Network 2100 HD* Developer
#1 Network Rapid HD* Developer
Kodak RA 2000
Fuji Forte HQ

*HD refers to HardDot when mixed 1:2.

These developers are also rapid access developer, when mixed 1:3 or 1:4.