



New and Improved **#335 HP HN/VLD LASER FILM**

Description

#335HP HN/VLD is the “**Next Generation**” in #1 Network Red Laser Imagesetting films. This film introduces an evolutionary advancement in rapid access processing. The processing latitude is now exceptionally broad. Customers will achieve nearly identical results whether the film is processed in fresh developer at 40 seconds or the development time is decreased to 20 seconds allowing the customer to meet **ultra quick deadlines** in half of the time.

This same latitude assists low volume customers that may have allowed their process to become weak in developer activity. Days after other films would have quit performing; the new #335HP HN/VLD film will perform quite adequately in “**less than**” optimal conditions.

This latitude and performance is also enhanced if #335HP HN/VLD is processed in #1 Network’s 2100HD developer or #1 Network Rapid HD. These developers are formulated with long lasting **potassium salts*** for lower oxidation rates.

*Most popular brands utilize cheaper sodium salts.

Sensitivity

#335HP HN/VLD - 633 to 670nm HN/Red Laser Diode

Safelight

Encapsulite T20/ND 1.05.

Processing

*Developer**:

We recommend #1 Network HardDot Developer Mixed 1 part with 2 parts water (1:2) - may also be mixed 1:3, 1:4.

Temperature: 95°F / 35°C

Development Time: 20 - 40 Seconds

Replenishment Rates

Developer: 25ml per square foot (0.85 oz.)

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

#1 Network Universal Fixer Concentrate,
3100 Fixer.

Recommended Procedure For Processing

- 1) Cut a 3 or 4 inch strip from film protruding from take-up or feed cassette or the lead edge.
- 2) With processor at recommended settings, develop the excessively exposed strip.
- 3) When properly and adequately developed, the strip D/Max should be 4.80.

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

- 4) With a minimum of 4.80 plus D/Max, #335 is ready for exposure calibration in the imagesetter.

Exposure Calibration

#335 should be exposed to produce a D/Max of 4.10 to 4.40. In hard dot developers at low dilution rates (Kodak RA2000, #1 Network Rapid, 2020HD, & 2100), the D/Max should be higher. After correct exposure is obtained, the imagesetter should then be calibrated to proper dot percentages.

*For optimum results, process any of these developers:

#1 Network 2100 HD Developer

#1 Network Rapid HD Developer