



News 33 HP HN/VLD LASER FILM

Description

News 33 is a special purpose Imagesetting Film specifically designed for the ultimate quality in high production newspaper and book printing applications. Designed to work in Helium Neon and Red Visible Laser Diode Imagesetters.

Benefits include:

- Unique high “practical” working density (D-Max) #1 Network’s specially prepared Diamond Hard (DH) surface for superior protection against scratching and abrasion.
- HST surface coatings for trouble free High Speed Transport.
- Special Antistatic coatings significantly minimize pinholes and dust.
- New and Advanced Synthetic Gelatin coatings, manufactured without animal gelatins set new standards in extremely tight film registration.
- These gelatins tolerate expansive changes in environmental conditions with minimum dimensional change.
- Outstanding contrast, image and character resolution in a wide range of developers and processing conditions.
- Exhibit the printing industry’s largest developer process latitude.

Sensitivity

News 33 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 with either 3 or 4 parts water.

Note: 1:3 provides slightly higher contrast and latitude.

Temperature: 95°F / 35°C

Development Time: 25 Seconds

Replenishment Rates

Developer: 25ml per square foot (.85 oz.)

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

Recommended Fixers:

#1 Network Universal Fixer Concentrate,
3100 Fixer.

Note: Due to #1 Network’s unique Diamond Hard (DH) synthetic gelatin, no fixer hardeners are required.

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

News 33 should be exposed to produce a D/Max of 4.40 to 4.80. In hard dot developers at low dilution rates (Kodak RA2000, #1 Network Rapid, 2020HD, & 2100), the D/Max should be 4.60 to 4.90. 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

www.number1network.com

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