



#138 LED LASER FILM

Description

#138 is a high contrast emulsion, coated on a .004 polyester antistatic film base. With a heavier emulsion coated weight and very high sensitivity, #138 is for use on low intensity LED (light emitting diode) imagesetters. #138 LED Laser Film is available in roll format only. Refer to #160 LED Scanner Film for sheet sizes.

Sensitivity

#138 650nm to 670nm

Safelight

Encapsulite T20/ND 1.05

Replenishment & Rates:

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

Fixer : 35ml per square foot (1.20oz)
#1 Network Universal Fixer Concentrate
3100 Fixer recommended with hardener.

Processing

Developer:*

Process in #1 Network Developers for 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

Recommended Procedure

Prior to setting exposure on the imagesetter, process a fully white light exposed strip of #138 film in the processor. This is to ascertain that development under present conditions is adequate. D/Max reading of the excessively exposed strip should be 4.90 - 5.00. If reading is lower, more development is required. (Higher temperature, longer development time, or lower dilution ratio). Do not proceed to test exposures on the imagesetter, until adequate development is established, as indicated by proper D/Max readings.

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