



# #601, 601M

## HP HARDDOT HN/VLD SCANNER FILM

### Description

#601,M incorporates the latest improvements to HardDot emulsion technology. Higher image and transportation qualities. Superior development and system latitudes. Better tint uniformity and scratch resistance. #601,M has extremely high resolution, and is fully linearized for complete, but simple calibration.

### Sensitivity

#601,M HP HardDot 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

- 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, #601,M is ready for exposure calibration in the imagesetter.

### Exposure Calibration

#601,M 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.