



# #904 HP HARDDOT ARGON SCANNER FILM

## Description

#904 incorporates the latest HardDot emulsion technology. For trouble free use, this film has antistatic protection and excellent surface resistance properties.

#904 has extremely high resolution, and is fully linearized for complete, but simple calibration.

## Sensitivity

#904 HP HardDot 488mm (Argon Ion)

## Safelight

Standard Red, or Yellow/Orange Light  
(EncapSulite A5-ND 0.3 or equivalent)

## 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, #904 is ready for exposure calibration in the imagesetter.

## Exposure Calibration

#904 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.