



#470 HP ALL PURPOSE CAMERA FILM

Description

#470 HP All Purpose Camera Film is a medium speed ortho-chromatic, high contrast film on a stable polyester base. It is designed to produce line and copy dot from a wide range of original copy in rapid access developers, or quality halftones in lith developers.

Characteristics

#470 is coated on a .004 inch optically clear polyester base, which provides excellent dimensional stability.

#470 has a clear emulsion surface for use with offset and liquid photopolymer plates.

Safelight

#470 can be handled under a series 1A (red) filter, or equivalent, with a 15-watt bulb. Safelight should be no closer than 4 feet to film.

Trial Exposure Recommendations

Precise exposure value cannot be given, however with the aid of a 12-step Reflection Gray Scale exact exposure values can be determined.

RA Development: Expose for Solid 2

Processing

#470 yields excellent results over a wide range of processing conditions in both automatic processors and trays. All #1 Network Rapid Access, Harddot, and Lith Developers are recommended for best results.

Rapid Access Development:

Trays: 1-1/2 minutes @ 68°F (20°C)

Automatic

Processors: 25-35 seconds @ 95°F (35°C)

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.

Hybrid Development:

#470 may be processed in all Hybrid or HardDot Developers with Rapid Access results.

Lith Development

For high contrast screens or line work, process #470 in machine or tray using 2 or 3 part Lith Developers.

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.