

**KODAK Recording Film 2475**

135 MAGAZINES

An extremely high-speed, panchromatic film with extended red sensitivity. It is especially well suited for applications requiring low-level illumination or short-duration exposures, such as law-enforcement photography. It can be processed at temperatures up to 95°F (35°C).

The 0.10 density of the base of this film minimizes edge-fog effects, reduces light piping, and provides halation protection.

KODAK Recording Film 2475 is available on dimensionally stable ESTAR-AH Base (0.004-inch) in 135 magazines of 36 exposures.

**HANDLING**

Always load and unload your camera in subdued light. After the last exposure and before opening the camera, rewind film completely into its magazine.

**EXPOSURE****Exposure Index 1000**

This number is for use with meters and cameras marked for ASA speeds, in either daylight or artificial light. The number will give the minimum exposure required to produce negatives of highest quality, with normal development. If your negatives are consistently too thin, increase exposure by using a lower number; if too dense, reduce exposure by using a higher number.

**Note:** For most applications involving an average subject and normal development, an index of 1600 can be used with most exposure meters.

**Surveillance Photography:** For surveillance work under low light levels, such as streetlight illumination, we suggest using a meter setting of 3200 and developing the film in KODAK Developer DK-50 for 8 minutes at 68°F (20°C). Frequently the light level will be so low that some underexposure will result. This will mean a loss of shadow detail, but this is normally not important as long as highlight detail (i.e., the suspect's face) is recorded.

**Suggested Exposure Settings for Existing Light:**

<i>Lighting Conditions</i>	<i>Average Subject— Normal Development</i>	<i>Low-Contrast Subject— Extended Development</i>
Building interiors— courtrooms 4 to 8 footcandles incident	1/25—f/4	1/25—f/5.6
Sports arenas 16 to 64 footcandles incident	1/100—f/4	1/100—f/5.6
Work areas—store interiors 32 to 125 footcandles incident	1/100—f/5.6	1/100—f/8
Heavy overcast 400 to 1600 footcandles incident	1/100—f/22	1/100—f/32
Bright or hazy sunlight 5,000 to 10,000 footcandles incident	1/400—f/32	—

**Filter Factors:** Increase normal exposure by the filter factor given below.

KODAK WRATTEN Filter	No. 6	No. 8	No. 11	No. 15	No. 25	No. 47	No. 58	Polar- izing Screen
Daylight	1.5	2*	6	2	3	6	10	2.5
Tungsten	1.2	1.2	6*	1.5	2	16	12	3

\*For correct gray-tone rendering of colored objects.

**PROCESSING**

Handle in total darkness.

To open the 135 magazine, hold the magazine with the long end of the spool down and use a lid lifter or hook-type bottle opener to lift the upper end cap off the magazine.

### Recommended Development in a Small Tank

Develop the film for the *approximate* times and temperatures listed below. Agitate at 30-second intervals.

KODAK Packaged Developers	Developing Times (in minutes)						
	65°F (18.5°C)	68°F (20°C)	70°F (21°C)	72°F (22°C)	75°F (24°C)	85°F (29.5°C)	95°F (35°C)
Average Subjects							
DK-50	7	6	5	4½	4	2½	1½
HC-110 (Dilution A)	5½	4½	4	3½	3	2	1½
HC-110 (Dilution B)	11	9	8	7	6	3	1½
Low-Contrast Subjects							
DK-50	10½	9	8½	7½	6½	3½	2½
HC-110 (Dilution A)	9½	8	7½	6½	5	2½	1½
HC-110 (Dilution B)	17	15	12	11	10	6	3

Note: Use fresh developer and an acid stop bath in order to reduce the possibility of dichroic fog on the film.

Rinse with continuous agitation in KODAK Stop Bath SB-1a for 30 to 60 seconds at 65 to 70°F (18 to 21°C) or for 20 to 40 seconds at 85 to 95°F (29 to 35°C).

Fix for approximate times below. Agitate film frequently during fixing.

KODAK Fixer	Fixing Times (in minutes)	
	65 to 70°F (18 to 21°C)	85 to 95°F (29 to 35°C)
Fixing Bath F-5	8 to 12	6 to 10
Fixer	8 to 12	6 to 10
Rapid Fixer	3 to 5	2 to 4

Wash in clear, running water for 20 to 30 minutes at 65 to 70°F (18 to 21°C) or for 12 to 20 minutes at 85 to 95°F (29 to 35°C).

KODAK Hypo Clearing Agent can be used after the fixing step to reduce washing time and conserve water.

Note: For best results, keep temperatures of rinse, fix, and wash close to the developer temperature.

Dry the film in a dust-free place.

The Kodak materials described in this publication for use with KODAK Recording Film 2475 are available from those dealers normally supplying Kodak materials. Equivalent materials may be used if desired.

Notice: This film will be replaced if defective in manufacture, labeling, or packaging. Except for such replacement, the sale or any subsequent handling of this film is without warranty or liability even though defect, damage, or loss is caused by negligence or other fault.

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