

Recommended Development for Short Lengths (Up to 5½-Foot Lengths): KODAK PANATOMIC-X Film < (name of film added here)

KODAK Packaged Developers	Suggested Developing Time (in Minutes)*									
	SMALL TANK—(Agitation at 30-Second Intervals)†					LARGE TANK—(Agitation at 1-Minute Intervals)†				
	18.5°C 65°F	20°C 68°F	21°C 70°F	22°C 72°F	24°C 75°F	18.5°C 65°F	20°C 68°F	21°C 70°F	22°C 72°F	24°C 75°F
HC-110 (Dilution A)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
HC-110 (Dilution B)	4¾	4¼	4	3¾	3¼	5½	4¾	4¼	4	3½
POLYDOL	6½	5½	5	4½	3½	7	6	5½	5	4
MICRODOL-X	8	7	6½	6	5	9	7½	7	6½	5½
MICRODOL-X (1:3)‡	—	—	11	10	8½	—	—	12	11	9½
D-76	6	5	4½	4¼	3¾	6½	5½	5	4¾	4
D-76 (1:1)	8	7	6½	6	5	9	7½	7	6½	5½

*With properly exposed film, these suggested developing times should yield negative contrast suitable for printing with a diffusion enlarger or by contact. For printing with a condenser enlarger, a lower contrast (achieved by a reduction in development time) is usually desirable. For complete information about contrast control, see Kodak Publication No. F-5, *KODAK Professional Black-and-White Films*.

†Unsatisfactory uniformity may result with development times of less than 5 minutes.

‡For greater sharpness (see developer instructions).

NR = Not recommended.

NOTE: Do not use developers containing silver halide solvents.

Rinse at 65 to 75°F (18.5 to 24°C) with agitation.

KODAK Indicator Stop Bath—30 seconds
or KODAK Stop Bath SB-5 —30 seconds

Fix at 65 to 75°F (18.5 to 24°C) with agitation.

KODAK Fixer —2 to 4 minutes
or KODAK Fixing Bath F-5—2 to 4 minutes
or KODAK Rapid Fixer —1 to 2 minutes
or KODAFIX Solution —1 to 2 minutes

Wash for 20 to 30 minutes in running water at 65 to 75°F (18.5 to 24°C). To minimize drying marks, KODAK PHOTO-FLO Solution can be used after washing, or wipe surfaces carefully with a KODAK Photo Chamois or a soft viscose sponge. To save time and conserve water, KODAK Hypo Clearing Agent is recommended.

Dry film in a dust-free place.

Long rolls of film can be air-dried without removing them from their processing reels.