

# Process C-41

Processing in a 1-pint tank using the KODAK FLEXICOLOR Processing Kit (to make 1 pint).

Step	Time (in minutes)		Agitation (time in seconds)			Temperature	
	This Step <sup>1</sup>	Total Elapsed at End of Step	Initial <sup>2</sup>	Subsequent Agitate	Rest	°F	°C
First two steps in total darkness							
1. Developer	3¼ <sup>4</sup>	3¼	30	2	13	100 ± 0.25	37.8 ± 0.15
2. Bleach	6½	9¾	30	5	25	75 to 105	24 to 40
Remaining steps can be done in normal room light							
3. Wash	3¼	13	Running water <sup>3</sup>			75 to 105	24 to 40
4. Fixer	6½	19½	30	5	25	75 to 105	24 to 40
5. Wash	3¼	22¾	Running water <sup>3</sup>			75 to 105	24 to 40
6. Stabilizer	1½	24¼	30	None		75 to 105	24 to 40
7. Dry	As necessary		Dust-free air			75 to 110	24 to 43

<sup>1</sup>Includes a 10-second drain time for each step.

<sup>2</sup>Bang the bottom of the tank on the sink or counter to dislodge any air bubbles clinging to the film; then agitate once per second.

<sup>3</sup>Remove the tank cover and run water into the center of the reels.

<sup>4</sup>For first rolls processed in a chemical batch. See facing page.

## Storage of Solutions

For best results, do not process film in solutions that have been mixed and stored longer than the following times:

Developer	6 weeks
Bleach	Lasts indefinitely
Fixer	8 weeks
Stabilizer	8 weeks

## Solution Replenishment

If you are processing a large number of rolls of film on a regular basis or if you want to process sheets of film, you should consider a replenished process.

A replenished process is considerably more complicated than 1-pint tank processing, but it is also more economical and repeatable for large volumes of film.

Kodak Publication Number Z-121, *Using Process C-41*, Third Edition, contains complete information on setting up and maintaining a replenished process.