



# STEP-BY-STEP GUIDE TO HOME DEVELOPING

## THE KIT:

- Exposed film!
- Changing bag
- Scissors
- Paterson development tank (comes with film spools)
- Chemicals (E-6 for colour transparencies, C42 for colour negatives, and B&W for B&W!)
- You'll also need some storage containers to keep the chemicals in once they are mixed.
- Measuring jug
- A thermometer
- A film squeegee
- Hanging clips (can use modified clothes pegs maybe, but the hanging clips aren't expensive)
- A stopwatch
- Funnel
- Access to running water (hot and cold) and a drain.

## DEVELOPING THE FILM - STEP BY STEP:

1. Load film onto reels (inside changing bag!).
2. Mix chemicals - 1L of each so that storage bottles are full. (Instructions are included in box).

3. Heat everything except the Stabiliser to 38C, including tanks, in a water bath. (Over 38C = more exp, under 38C = less exp).
4. Pre-wash at 38C with water - leave for 2 mins (not in chemical instructions!)
5. Pour out water (will be purple)
6. Pour in First Developer at 38C. Start stopwatch. Agitate for 15 seconds. Tap to dislodge air bubbles. Agitate once every 15 seconds using twist knob - keeping tank submerged in 38C bath. Check temp during intermissions. After 6:15, pour out First Developer into storage bottle.
7. Wash for 30" with water at 38C. Continuously agitate. Repeat 5 times to make total wash 2:30.
8. Pour in Colour Developer at 38C. Start stopwatch. Agitate for 15 seconds. Tap to dislodge air bubbles. Agitate once every 15 seconds using twist knob - keeping tank submerged in 38C bath. Rinse funnel during an intermission. Check temp during intermissions. After 6:00, pour out Colour Developer into storage bottle.
9. Wash for 30" with water at 38C. Continuously agitate. Repeat 5 times to make total wash 2:30.
10. Add Bleach Fix at 36C. Start stopwatch. Agitate for 15 seconds. Tap to dislodge air bubbles. Agitate once every 15 seconds using twist knob - keeping tank submerged in 36C bath. Rinse funnel during an intermission. Check temp during intermissions. After 6:00, pour out Bleach Fix into storage bottle.
11. Wash for 30" with water at 36C. Continuously agitate. Repeat 8 times to make total wash 4:00.
12. Add Stabiliser at 20-25C. Agitate for 15 seconds. Rinse funnel. Pour out after 1:00 into storage bottle.
13. Take out film reels and pull out film with clips (do not touch with hands)
14. Squeegee water off film to prevent drying marks.
15. Hang film to dry at room temp with weight on base.

***Contrast and colour may appear muted until film is totally dry.***

***Do not pour used or expired chemicals down the sink. Dispose properly at waste management facility.***

***Can use chemicals multiple times, but need to increase development times accordingly. Table of times is included in instructions which come with chemicals.***

***Store in airtight, full containers to reduce contamination from air (oxygen).***