

PHOTOGRAPHERS' FORMULARY INC.

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BW-44 LIQUID FILM DEVELOPER

CATALOG NUMBER 01-0800 TO MAKE 5 LITERS
CATALOG NUMBER 01-0810 TO MAKE 10 LITERS
CATALOG NUMBER 01-0811 TO MAKE 20 LITERS
CATALOG NUMBER 01-0812 TO MAKE 40 LITERS

BW-44 is an economical general-purpose film developer that is packaged in a 2 part liquid form for simple use. It is economical due to the fact that it can be used at many dilutions (1:1:1 to 1:1:20) depending on your time requirements. There will be no change in fog level, shadow detail or film speed with different dilutions.

BW-44 works with all black and white films. The stock solutions have a long shelf life; the working solution has high capacity, and is suitable for large or small format. BW-44 gives sharp highlights and shadow detail.

CHEMICAL SAFETY

All chemicals are dangerous and must be treated with respect. Please read all of the warning labels and chemical warnings on the bottle.

There is only one chemical in this formula that is considered hazardous by EPA and that is Hydroquinone. It is considered a skin sensitizer, and may cause eye or skin irritation. Please handle this liquid with gloves and splash goggles. If ingested or splashed in the eyes, contact a physician.

The user assumes all risks upon accepting these chemicals. IF FOR ANY REASON YOU DO NOT WANT TO ASSUME ALL RISK, PLEASE RETURN THE KIT WITHIN THIRTY DAYS FOR A FULL REFUND.

Please consult with local sewer and water authorities regarding the proper disposal of darkroom chemicals in your area.

FOR BEST RESULTS USE DISTILLED WATER.

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MIXING THE WORKING SOLUTIONS

This kit contains 2 bottles of Stock Solution labeled A & B.

To make the working solution, mix the two stock solutions and water in the ratio of 1:1:5.

For example, to make 1000 ml of working solution:

143 ml Stock Solution A
143 ml Stock Solution B
714 ml Water (68° F)

The following table will give you recommended times for various film types.

Temperature at 20° C/68° F, with 5 inversions every 30 seconds:

Film type	Dilution	Time
T-MAX 100	1:1:5	6.5 minutes
TRI X	1:1:5	6 minutes
Ilford HP 5	1:1:5	5.5 minutes
Ilford FP 4	1:1:5	7 minutes

BW-44 can be used up to a 1:1:20 dilution, with no change in fog level, shadow detail or film speed.

Our Excel Film Enhancer (catalog no. 05-1000) works very well with BW-44, giving crisp, easy-to-print negatives. We especially like to shoot copy negatives with BW-44/Excel. Using 1000 ml of BW-44 with 30 ml of Excel added, with Ilford Pan F, we are developing for 5.5 minutes at 68° F, at a 1:1:10 dilution.

As with any developer you are unfamiliar with be sure to test your film before developing any valuable shots!

LIFE OF THE WORKING SOLUTION

This solution is only good for one working session once A & B have been mixed; therefore only mix what you need.

The Stock Solutions have a life of 1 year if kept in a tightly sealed bottle, out of direct light.

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