



#1 Network

Process Solutions

All #1 NETWORK developers are both Hard Dot and Rapid Access, differentiated by the mixture dilution rate!

Mix 1 part developer to 2 parts water for Hard Dot
Mix 1 part developer to 3 or 4 parts water for Rapid Access

AutoMX™ Chemistry

28010-49	2100 HD Developer	4x1¼ gal.
28017-49	3100 Fixer	4x1 gal.

The 1¼ gallon size 2100 developer was designed to fit in our unique AutoMixer™. These convenient 1¼ gallon bottles are also a great option for mixing smaller quantities, for mid-size tank replenishment, or for easy measurements for processor start-ups.

[See the reverse side of this page for more suggestions on mixing #1 Network 2100 Developer.](#)

Rapid HD Developer Concentrate

28006-49	HD Rapid Developer	2-2 ½ gal.
28012-49	HD Rapid Developer	5 gal.
28009-49	HD Rapid Developer	30 gal. drum
28013-49	HD Rapid Developer	55 gal. drum

(The Rapid HD developer formula is identical to #1 Network 2100 HD developer.)

Universal Fixer Concentrate

28019-49	Fixer concentrate	2-2 ½ gal.
28016-49	Fixer concentrate	5 gal.
28014-49	Fixer concentrate	30 gal. drum
28018-49	Fixer concentrate	55 gal. drum

(The Universal fixer formula is identical to #1 Network 3100 fixer.)

Hardener

28041-49	Hardener	4x1 gal.
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RTU-Ready-To-Use Developer

28037-49	HD RTU Rapid Developer	2x2½ gal.
28023-49	RTU Fixer	2x2½ gal.

Developer System Cleaner

28560-49	2 qts. part A, 2 qts. part B, 2 qts. Neutralizer
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#1 Network Developer System Cleaner is designed to achieve superior cleaning of the developer tank, yet it is formulated to be ecologically friendly to the environment and is manufactured without chromium compounds.



#1 Network

"Easy Measure" Mixing Recommendations

2100 HD Developer

AutoMX™ Chemistry 2100 HD Developer is sold in very convenient 1¼ gallon bottles. The 1¼ gallon size 2100 HD Developer and the 1 gallon 3100 fixer were designed for the #1 Network AutoMixer™. These convenient 1¼ gallon bottles are also a great option for mixing smaller developer batches, for easy mixing in conventional replenisher tanks, or for processor start-ups.

Developer Mixing Instructions

To make 3.75 gallons at a Hard Dot 1:2 Ratio	Add 1 bottle of 2100 Developer	Top off with water	3.75 gal. *
To make 5 gallons at a Rapid Access 1:3 Ratio	Add 1 bottle of 2100 Developer	Top off with water	5 gal. *
To make 6.25 gallons at a Rapid Access 1:4 Ratio	Add 1 bottle of 2100 Developer	Top off with water	6.25 gal.

* +/- 10% mixing latitude

- * For processor startups, one bottle will make 3.75 gallons at 1:2.
 - o #1 Network developer has "enormous" latitude. One bottle could also be used to make between 3 to 4 gallons, without significantly impacting performance quality or consistency.
 - o Some small tank processors lack robust developer circulation and exhibit uneven developer temperatures across the surface of the film.
 - ** These processors will often benefit from slightly stronger mix ratios, higher replenishment rates and more tank turnovers.
 - ** A minimum of one tank turnover per week typically minimizes most Hard Dot film issues, to include pepper spots, pressure lines or uneven densities.
 - ** If you experience any of these Hard Dot issues, with any brand of film, mix a new batch of developer and increase anti-oxidation replenishment rates.

- * For Rapid Access mix, your representative may suggest the 1:3 RA mixing ratio.
 - o This procedure is very easy and will produce the best result with most rapid access films.
 - o If your processor holds approximately 5 gallons, just pour in one bottle and add water.
 - o If your processor tank varies slightly and is not exactly 5 gallons, do not be concerned. Virtually every RA film will still perform equally well with one bottle and the approximate requisite water!

- * The maximum recommended Rapid Access dilution for #1 Network developer is 1:4.
 - o Developer is typically mixed at the stronger 1:3 dilution to increase development latitude.
 - o The 1:3 mixture is typically recommended for lower volume accounts or in processors with marginal developer circulation. However, the 1:4 mixing ratio may also work well for customers utilizing most Rapid Access films.

All #1 Network developers exhibit exceptional mixing latitude. This minimizes mixing errors and precision measurements. With #1 Network developers, if your mix ratios are fairly "close", all your RA and Hard Dot films should process with exceptional quality and improved consistency.

3100 Fixer Mixing Instructions

To make 4 gallons of fixer	Add 1 gal. bottle of Universal fixer concentrate	Top off with water	4 gal.
To make 8 gallons of fixer	Add (2) 1 gal. bottles of Universal fixer concentrate	Top off with water	8 gal.

Add 1 to 3 ounces of hardener per working gallon of fixer, if it is recommended for any of the films you frequently process.

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