

ASP 94 PROCESS

Chemical Processing Layout for Colour Negative Paper Prints and Duplication Films

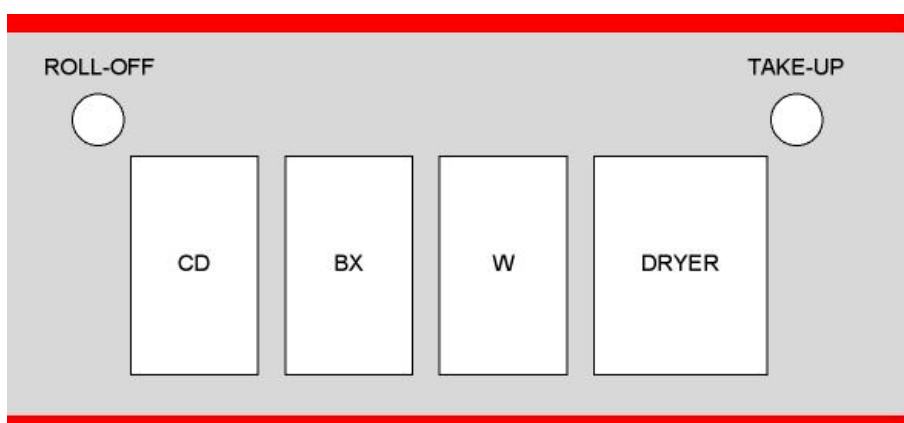
ASP 94 Process is a chemical processing layout for processing colour negative paper prints and duplication films. It is compatible with standard RA-4 or AP94 chemistries. The process is suitable for aerial roller transport machines and similar equipment.

■ Properties

- Stable and reliable chemistry. Reduced effects of oxidation and tarring.
- Odourless developer bath.
- Only liquid chemicals are used.
- Environment friendly and bio-degradable.
- Handles analogue and digital print in optimum quality.
- Large print "colour space" and excellent balance between flare and D-max.

■ Process Layout

- When a starter is used for CD -R or CD- LR baths, the starter is only used when loading the machine.
- BX does is used without starter.
- BX-additive is used to lower the oxidation pace.
- Wash tank between 2 and 5.5 lit/m². For display materials double this amount.



Standard Paper Process: Colour Developer: 45"/ 35°C at 250 ml/m² CD and BX replenishment
Display film Process: Colour Developer: 90"/ 35°C at 500 ml/m² CD and BX replenishment

CD (Colour Developer) / recommended replenishment rate: 250 ml/m² film

For display materials such as :Avitone CP94 the replenishment rate is 500 ml/m² which means that the developed volume in m² per item has to be halved.

Order Code	Product	m ² per item
ESLYX	ASP 94 CD-LR 4x(A+B+C)/4x10L	160
ESLZZ	ASP 94 CD-S 6x1L/6x25L	starter
ESL12	ASP 94 CD-R 2x(A+B)/2x20L	160
ESL24	ASP 94 CD-R 2x(A+B)/2x50L	400
ESL36	ASP 94 CD-R Part A 20L/200L	800
ESL48	ASP 94 CD-R Part B 20L/200L	800

BX (Bleach-Fixer) / recommended replenishment rate: 250 ml/m² film

For display materials such as :Avitone CP94 the replenishment rate is 500 ml/m² which means that the developed volume in m² per item has to be halved.

Order Code	Product	m² per item
ESL5B	ASP 94 BX ADDITIV 10L conc.	666
ESL6D	ASP 94 BX-MR 2x(A+B)/2x20L	160
ESL7F	ASP 94 BX-MR Part A : 20L/125L	500
ESL8H	ASP 94 BX-MR Part B : 20L/125L	500

Additive against algae growth in wash water

Order Code	Product	m² per item
ESL9K	ASP Algstop 6x1L conc	1200

■ System Compatibility

Since the ASP 94 chemistry is compatible with the RA-4 architecture, the individual chemistry loads can be combined with other manufacturers' chemistry loads in one processor. It is recommended neither to mix chemistries of different makes for the production of one load or bath nor to use starters not intended for use with ASP 94 chemistry, since that will affect the overall quality.

■ Care and Storage of Solutions

All Agfa's ASP colour chemicals for use with the RA-4 process are supplied as all-liquid concentrates. They easily dissolve in water, without excessive mixing time. A maximum of 30 seconds mixing is needed for complete dissolution after the addition of each concentrate to the solution. When used under normal conditions, none of the chemicals is subject to undue oxidation. However, the volume of developer solutions prepared should not be for more than your weekly normal consumption when stored in containers without floating lid. Longer storage times will increase the degree of oxidation and lead to lower process activity. The use of floating lids on replenishers stored in vats will help reducing oxidation.

To avoid developer contamination, never mix or store developer in containers which previously contained bleach, fixer or bleach-fix. It is good practice to check the calibration of mixing vats once per year to ensure that there are no changes in the shape of the vat, which would cause incorrect volumes.

Subject to change without notice.

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Published by Agfa-Gevaert N.V., B-2640 Mortsel-Belgium

December 2005