

AVantage[®] Washout Bath Formulations

All Proper formulation of the washout bath will ensure effective removal of any remaining, unreacted resin to produce a quality photopolymer printing plate. Individual components of the AVantage[®] washout bath are all liquids that are easy to dispense and effective for many plate washes. As with any formulation, proper processing of the printing plate is very important to ensure the quality of the finished plate.

Recommended bath formulas for different sizes of washout units is detailed below. Please note the washout bath and chemical set-up amounts are based on a fixed bath water volume. The washout water volume should be determined for an exact bath formulation.

Component	3048 system	4460 system	5280 system
Water	70 gallons	120 gallons	150 gallons
AV Detergent	1.5 gallons	2.5 gallons	3.0 gallons
AV Developer	1.5 gallons	2.5 gallons	3.0 gallons
AV Defoamer	0.5 gallon	1.25 gallons	1.5 gallons

DEFOAMER amounts can vary dependent on the condition of the local water hardness. ALWAYS MIX YOUR DETERGENT / DEVELOPER BEFORE ADDING DEFOAMER.

Procedure: First mix the DETERGENT before dispensing the desired amount and adding it to the bath. Next add the recommended DEVELOPER to the bath. The final step involves pouring out the correct volume of DEFOAMER and adding it to the bath. Run one cycle to mix the chemicals in the bath and then check for excessive FOAM. More DEFOAMER can always be added, in small portions – 8 ounces at a time, if required.

Temperature: The temperature setting for the bath will vary depending on the resin product being used. Check with your local Technical Representative for recommendations.

Changing of the Bath: Typical bath life depends upon the type of copy, plate thickness, reclaimed, and thus the amount of liquid resin left on the plate. Maintain a log of plates washed to find your general usage results. A typical bath should last between 10-15 plates. The washout time cycle is generally 10-15 minutes.