



Nova Pressroom Products LLC

1663 N. McDuff Avenue
Jacksonville, FL 32254
toll-free: 866.443.5811
tel: 904.292.2554
fax: 904.292.2665
www.novapressroom.com

CONTROLLING BACTERIA IN WEB PRESS SILICONE SUPPLY SYSTEMS

Technical Service Bulletin

The battle to prevent microbial growth in silicone systems is a combination of effectiveness of the preservative and the conditions to prevent or promote growth. The preservatives used in Nova silicone products have tested effective in controlling bacteria encountered on press, but conditions can over-power its effectiveness. Keeping the tanks clean and covered, and performing regular maintenance on the tanks, filters and trays will help the preservative to do its job. If bacteria goes unchallenged in one location it will flourish and the normal preservative will not be effective to control it. In this case an aggressive treatment to sterilize the system is necessary.

MAINTENANCE PROCEDURE RECOMMENDATIONS

- 1. Keep covers on tanks.**
- 2. Install catch screens on all tanks.**
- 3. Use filter material in catch screen.**
- 4. Inspect tanks and trays weekly for any contamination**
- 5. Clean screens filters and trays (1 or 2 times a month).**
- 7. If any signs of microbial build up are observed, please notify your Nova Representative.**

CONTAMINATED SYSTEM CLEAN OUT PROCEDURE

- 1 Drain the contaminated tank.**
- 2. Clean out microbial growth from trays, tanks and filters.**
 - a. Wipe down and flush the system with a bleach solution made in the proportion of 1 gallon bleach to 1 gallon of water. Use gloves and follow safety handling instructions for the bleach.**
 - b. Be sure to contact all contaminated parts. (valves, tubing, tank sides and top etc.). Allow the solution to remain in contact with surfaces for 30 minutes.**
- 3. Flush the system with water to rinse.**
- 4. If silicone is diluted in a central mix tank follow the same procedure for the central mix tank and piping.**

For questions contact Ray Brady at Nova