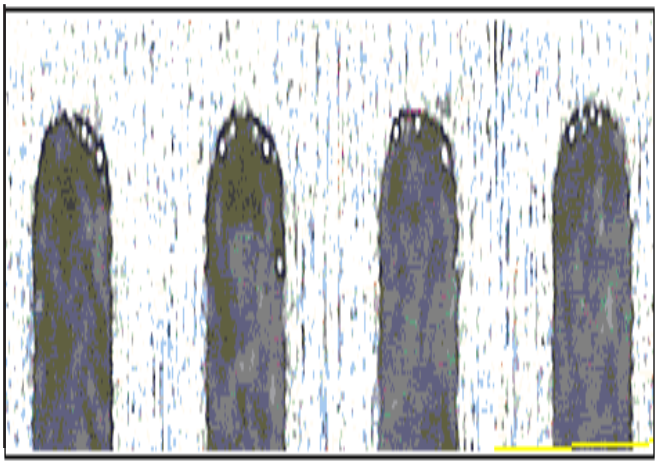
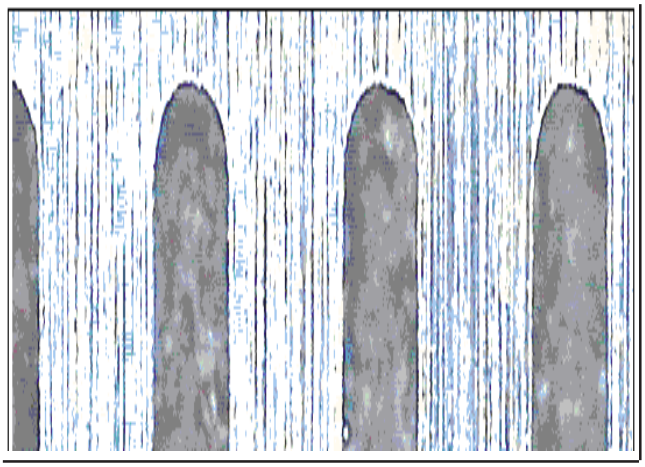
SMT Cleaning Comparison

Current process calls for using Bemcot followed by a polyester wiper. The resulting problem is fibers and incomplete cleaning of the stencil.

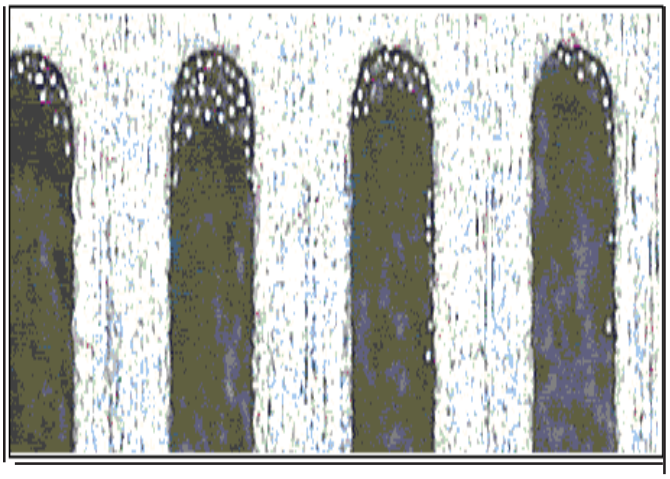
Stencil was removed from the DEK printer and cleaned with Bemcot M3 and IPA.



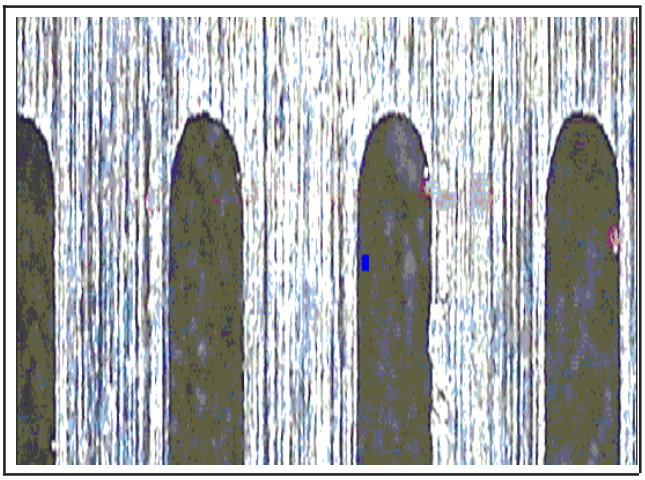
The stencil was returned to the printer for 30 minutes, removed and cleaned with **HT4699** UltraSORB® and IPA.



The stencil was returned to the printer for 30 minutes and cleaned with a standard polyester wiper and IPA.



The stencil was returned to the printer for 30 minutes and cleaned with **HT4699** UltraSORB® Wiper and IPA while on printer.



In conclusion, we can observe that the best results were obtained using **HT4699** UltraSORB® Sponge due to the fact that it leaves practically no residues in comparison with the polyester and Bemcot wipers, which leave notably more residues in side aperatures and over the stencil. Moreover, it is possible to improve throughput as the stencil can be adequately cleaned on the printer and without the normal over/under wiping process.

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