

How Better Tools Improve Your Stencil Printing Process

Volume 1, Issue 9

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- **5 Steps** to Reducing Solder Paste Defects
- **Stencil Cleaning Wipes** Selection Guide
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Experts say up to 65% of solder defects start with dirty stencils

Bridging, incomplete prints and paste left in apertures or vias are common defects caused by dirty stencils.

DID YOU KNOW?

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Infographic

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5 Steps to Reducing Solder Paste Defects



Experts say up to 65% of solder defects start with dirty stencils

Bridging, incomplete prints and paste left in apertures or vias are common defects caused by dirty stencils.

DID YOU KNOW?



Plan

cleaning BEFORE printing

1



MicroCare Applications

Experts can help you engineer your SMT process to achieve perfectly clean solder stencils even before production begins. Choose the profile, tooling, equipment, process AND SPECIFY the cleaning options first.



Replace

abrasive cellulose-based roll wipes

2



Switch to softer, durable and absorbent **Fine Pitch Fabric Stencil Rolls** from MicroCare.

With no glues or binders to dissolve, they reduce FOD in your machines from high linting paper rolls.

MicroCare[™]

Discover Perfectly Clean

Stencil Cleaning Wipes Selection Guide

MicroCare has the tools and fluids to make printing PCB assemblies easier. From fine pitch fabric rolls for stencil printing to presaturated wipes for cleaning squeegees, there are products to make your stencil printing and cleanup less of a chore.

PRINT more panels between cleaning cycles

MicroCare Fine Pitch Fabric Stencil Rolls limit wipe frequency, increasing your throughput and delivering more boards per hour. The soft, absorbent fabric extends the life of nano coatings and improves stencil aperture cleaning with fewer stencil-caused defects.



[Learn More](#)

[Tech Info](#)



CLEAN printing tools faster

Use *MicroCare ScreenClean™ Stencil & Squeegee Wipes*. These heavy-duty presaturated wipes clean stencils, squeegees, spatulas, tools and more. They are an excellent replacement for methylene, chloride, acetone and other ink-removing solvents.

[Learn More](#)

[Tech Info](#)

Selection Guide Continued

REMOVE the tough stuff

Expoxy™ Uncured Epoxy Presaturated Wipes remove messy and difficult uncured chip bonder with ease. Dissolves both organic and inorganic deposits including leaded and lead-free solder pastes, uncured epoxy, and cured chip bonder.



[Learn More](#)

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STOP damaging expensive stencils

MicroCare Aqueous Stencil Cleaner cleans at room temperature without damaging scrubbing. Removes all types of raw solder pastes, uncured epoxies and inks from stencils, frames, boards and the stencil printer itself.

[Learn More](#)

[Tech Info](#)

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Most Popular FAQs

[Which is the Best SMT Stencil Cleaner?](#)

[What are the Benefits of Better Quality Stencil Rolls?](#)

[Does the Paper on the Roll Make a Difference?](#)

[What's the Technology Behind the SMT Printing Quality Improvements from FP Stencil Rolls?](#)

Further Reading

[Stencil Wiping Fabric Improves Stencil Printer Through-Put](#)

[Chinese Company Switches to Better Stencil Cleaning, Saves Money](#)

[Midwest Electronics Company Selects Better Stencil Rolls, Saves Money](#)

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