

APPLICATIONS BULLETIN

How Does NanoClear® Improve Print Quality?

Nanoclear provides many process benefits, including:

- Reduced print variation
- Less peaking or “dog ears”
- Crisper print definition
- Reduced under wipe requirements

0.5mm QFN & 0201s

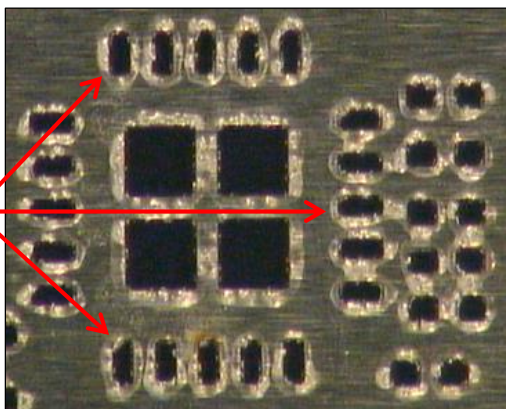
10 consecutive prints without a wipe

One half of stencil bare, the other half treated with **nanoclear**

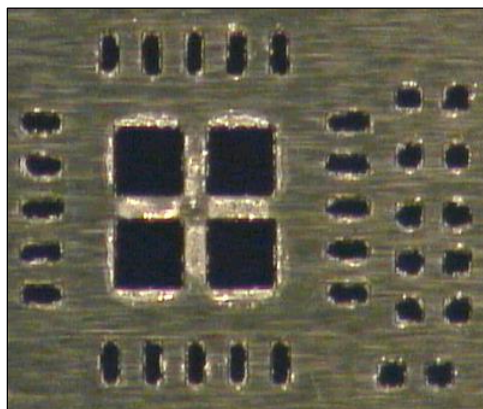
Uncoated

Coated

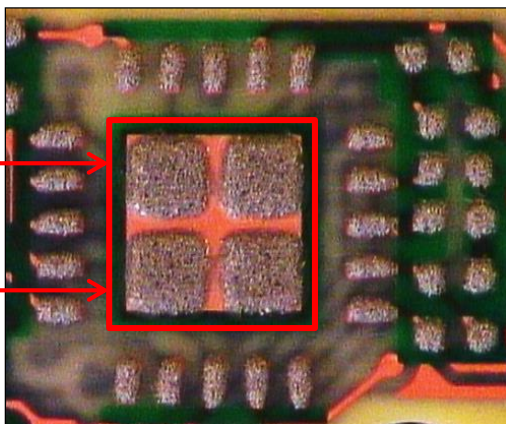
Flux
bleeds
out on
bottom
side



Less flux
bleed
out =
Less
frequent
cleaning



Poor print
definition
Paste
looks
slumped



Easier paste
release
Sharper
print
definition

