

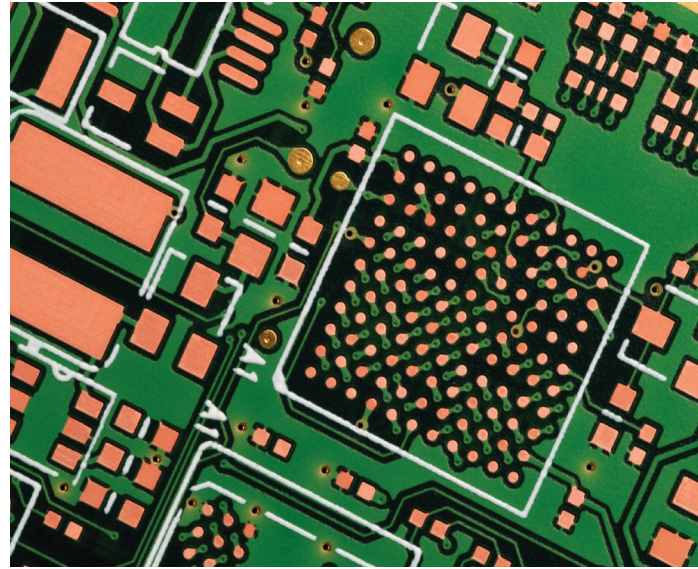
ENTEK Plus HT

Organic Solderability Preservative

The Most Widely Used And Trusted OSP On The Market

ENTEK Plus HT organic solderability preservative (OSP) is the industry's most widely used and trusted OSP on the market today. Production-proven to provide a superlative lead-free final finish and maintain exceptional solderability through multiple lead-free processing, ENTEK Plus HT delivers the highest reliability BGA solder joint strengths.

The ENTEK Plus HT process meets the challenges of lead-free assembly, while maintaining eutectic and process capability. The process is specially designed for mixed metal applications, such as electroless nickel immersion gold (ENIG). The OSP selectively deposits on copper while leaving gold connectors or metallic heat sinks free of contamination.



KEY FEATURES

- Production-proven to lead-free final finish
- Visually unchanged and retains performance after multiple lead-free reflows
- Compatible with mixed metal applications
- Selectively deposits on copper
- Unique thickness control enables coating optimization for the most challenging applications



MacDermid Enthone

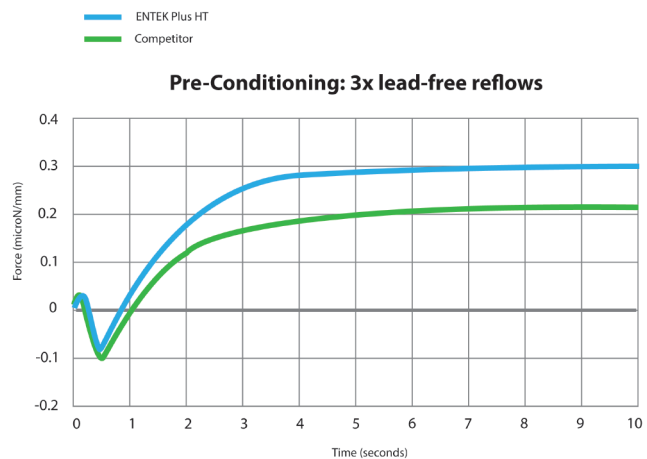
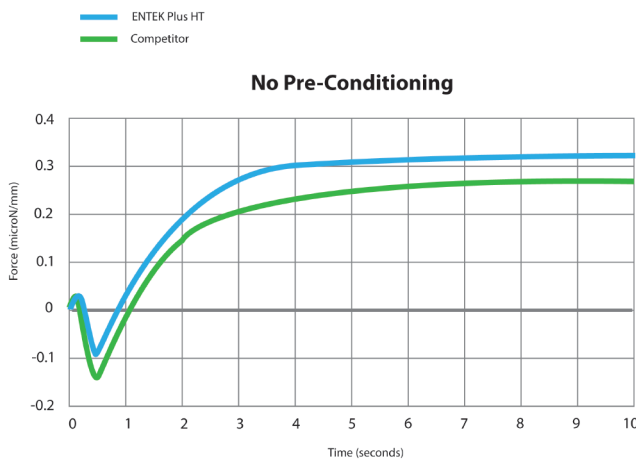
CIRCUITRY SOLUTIONS

ENTEK Plus HT

Organic Solderability Preservative

Superior Wetting Performance

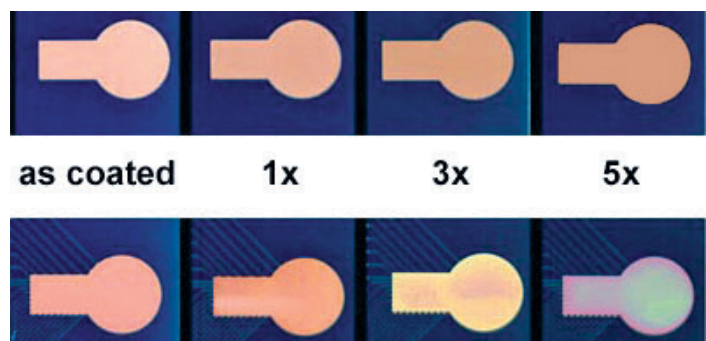
ENTEK Plus HT consistently demonstrates superior wetting balance test results, even after three lead-free reflows at 260°C. As shown, ENTEK Plus HT clearly demonstrates much faster wetting with a substantially higher Maximum force (mN/mm). These are key indicators of excellent copper protection and solderability versus the competitor and most certainly other black market OSPs. The exceptional solderability achieved with ENTEK Plus HT results in reduced rejects, scrap and the highest reliability and first-pass assembly yields.



Enhanced Appearance

As shown, ENTEK Plus HT provides a more aesthetically pleasing finish that maintains exceptional solderability through multiple lead-free reflows versus a competitive, latest generation OSP.

A comparison between black market processes that claim to be OSPs provide even more inferior results.



macdermidalpha.com
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MacDermid Enthone is a product brand of MacDermid Alpha Electronics Solutions.