



AgCoat Prime

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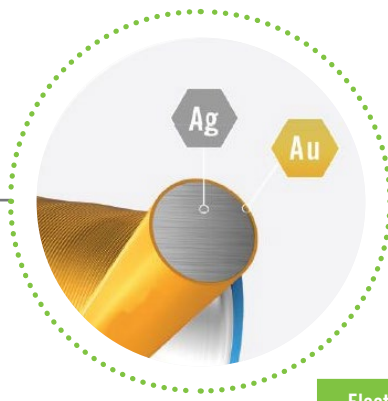
The Perfect Match of Performance and Cost

AgCoat Prime, the world's first real substitute for gold wire in the memory market that ensures high performance at reasonable costs. AgCoat Prime is a silver alloy core base wire coated with a gold layer on the exterior. With this uniquely engineered wire, you benefit from lower costs, reduced manpower and better production line time management.

AgCoat Prime Benefits

- Gas-free FAB formation in bonding process
- Longer floor life (60 days) compared to Ag alloy wire
- Improves second bond workability
- Improved reliability performance on HTS and TC compared to Au wire
- Retain your existing facility infrastructure to avoid any CAPEX investment
- Reuse of existing ball bonders in your production floor
- Slower IMC growth rate compared to Au wire
- Comparable MTBA to Au wire (min.4 hours)

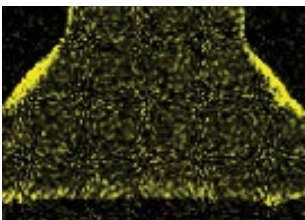




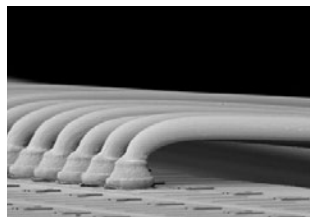
Electrical Resistivity

Fusing Current

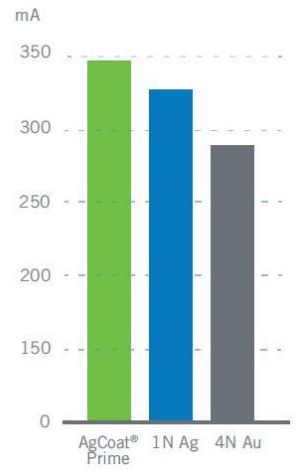
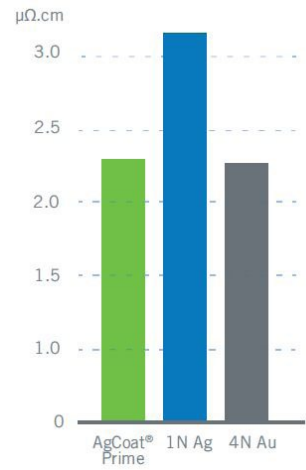
Au Coverage and Low Loop Bonded Wire



Au coverage on bonded ball

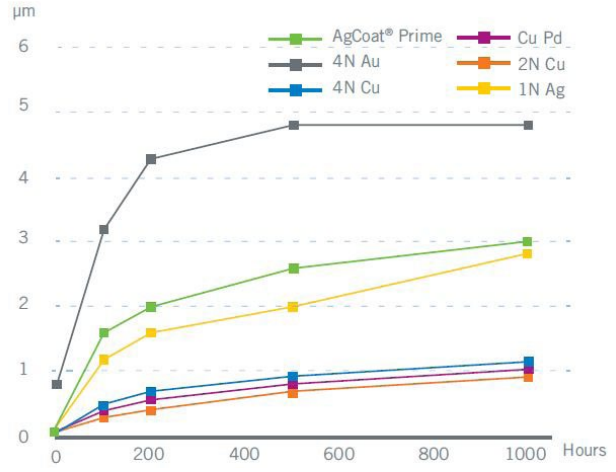


Ultra low loop height requirement of max 2.4 mils without sign of neck crack



Benefits / Performance Comparison

IMC Growth



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