

Continuous Alloy Innovation

Over 200 Alloys Available

High-reliability alloys available for InFORMS®, preforms, and solder pastes



Learn more: www.indium.com/solder-alloys Contact our engineers: askus@indium.com

From One Engineer To Another®

All of Indium Corporation's solder paste and preform manufacturing facilities are IATF 16949:2016 certified. Indium Corporation is an ISO 9001:2015 registered company.

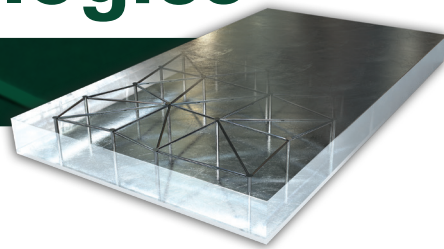
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Form No. 99801 (A4) R2



Innovative Alloy Technologies

Available for InFORMS®, preforms, and solder pastes



Improves Drop Shock Resistance

Durafuse® LT **NEW**

Innovative Low-Temperature Alloy Technology

- Two orders of magnitude better drop shock performance compared to Bi-containing low-temperature options
- Energy consumption reduced by 15%
- Enables complex processes and designs, such as step soldering, large temperature gradients, and fine feature printing
- Superior thermal cycling performance for fine-pitch and wafer-level CSP components

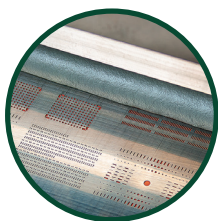


High-Performance Solder Preforms

Indalloy® 276

Improved Reliability for Power Electronics Substrate-Attach

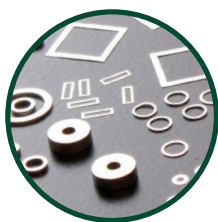
- Added Ag and Sb enables higher operating temperatures
- Compatible with InFORMS® technology



High-Reliability Automotive Alloy

Durafuse® HR **NEW**

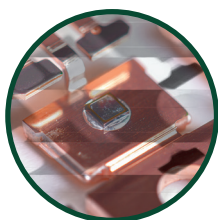
- Outstanding -40°C/125°C and -40°C/150°C and thermal cycling performance through 3,000+ cycles
- Lowest voiding high-reliability alloy system



High-Reliability Alloy

Indalloy® 133

- Proven higher temperature alloy
- Improved reliability over other common Sn-based alloys
- Excellent solderability and wetting
- Compatible with InFORMS® technology



Proven Fast Sintering

QuickSinter® **NEW**

Silver Sintering Paste

- >3 dots/second—consistent high-speed dispensing
- Pressureless sintering solution with pressurized sintering capabilities
- Controllable bondline thickness from 30–70µm
- Porosity: <30%*
- Excellent joint strength
- Voiding: <1%*
- Versatile sintering profiles

**Average on most application runs*

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