**PRODUCT DATA SHEET**

**AuLTRA™-Fine Ribbon**
for Die-Attach Applications

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**Introduction**

Indalloy®182 (80Au/20Sn) is a great choice to ensure good performance and reliability for applications requiring a high-melting die-attach solder. Indalloy®182 is generally chosen due to its good thermal conductivity; high shear, yield, and tensile strength; excellent wettability; and resistance to corrosion. Indium Corporation developed our **AuLTRA™-Fine Ribbon**, Indalloy®182 fine-grade precision ribbon, for high-volume, fully automated laser diode assembly processes. Our **AuLTRA™-Fine Ribbon** has excellent, clean, and smooth-edge quality with straight runs and no warping or bends. It has been designed for high-volume capacity and is packaged on precision spools suitable for auto-feed systems.

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**Features**

- Precision AuSn die-attach ribbon
- Excellent, clean, and smooth-edge quality
- No warping, bends, or breaks
- Long continuous lengths for auto-feed systems

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**Ribbon Dimensions**

Indium Corporation’s **AuLTRA™-Fine Ribbon** has been designed with 0.010” width and 0.0006” thick capabilities, with a broad range of sizes available. We can work with you on your specific dimensional requirements. Whether you are looking for large quantities of **AuLTRA™-Fine Ribbon** in specific widths and thicknesses for automatic die bonding, or a few feet to do testing, Indium Corporation can accommodate your needs. We can work with you on your specific dimensional requirements.

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**Storage**

Store **AuLTRA™-Fine Ribbon** in the original container, closed securely, in 55% RH or less at or below normal room temperature (~70°F/21°C). It can also be stored in an inert atmosphere, such as a nitrogen dry box.

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**Technical Support**

Indium Corporation’s internationally experienced engineers provide in-depth technical assistance to our customers. Thoroughly knowledgeable in all facets of Materials Science as it applies to the electronics and semiconductor sectors, Technical Support Engineers provide expert advice in solder preforms, wire, ribbon, and paste. Indium Corporation’s Technical Support Engineers provide rapid response to all technical inquiries.

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**Safety Data Sheets**

The SDS for this product can be found online at http://www.indium.com/sds

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This product data sheet is provided for general information only. It is not intended, and shall not be construed, to warrant or guarantee the performance of the products described which are sold subject exclusively to written warranties and limitations thereon included in product packaging and invoices. All Indium Corporation’s products and solutions are designed to be commercially available unless specifically stated otherwise.

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**Contact**

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