Product Description

Spool Weight: 500g or 1lb
Flux Percentage: 1.6–2.2% by weight
Available Alloys: Per J-STD-006 Variation C
- 63Sn/37Pb
- 62Sn/36Pb/2Ag
- 96.5Sn/3.0Ag/0.5Cu

Wire Diameters

<table>
<thead>
<tr>
<th>Wire Diameter</th>
<th>CORE 92 No-Clean Cored Wire Solder Length per Spool</th>
<th>Sn62</th>
<th>Sn63</th>
<th>96.5Sn/3.0Ag/0.5Cu</th>
</tr>
</thead>
<tbody>
<tr>
<td>.010” ± .002” (.254mm ± .051mm)</td>
<td>4,695ft (1,431m)</td>
<td>4,691ft (1,429.8m)</td>
<td>1,996ft (608m)</td>
<td></td>
</tr>
<tr>
<td>.015” ± .002” (.381mm ± .051mm)</td>
<td>2,087ft (636m)</td>
<td>2,085ft (635.5m)</td>
<td>2,087ft (636m)</td>
<td></td>
</tr>
<tr>
<td>.020” ± .002” (.508mm ± .051mm)</td>
<td>1,174ft (357.7m)</td>
<td>1,173ft (357.4m)</td>
<td>1,174ft (357.7m)</td>
<td></td>
</tr>
<tr>
<td>.032” ± .002” (.813mm ± .051mm)</td>
<td>459ft (139.8m)</td>
<td>458ft (139.6m)</td>
<td>459ft (139.8m)</td>
<td></td>
</tr>
</tbody>
</table>

Values are only approximate. Actual lengths will vary.

Residue Removal

The flux in CORE 92 is formulated for use in a no-clean assembly process. If cosmetics or the end use application requires removal of the post reflow residue, standard rosin-based residue removal techniques can be utilized. This includes, but is not limited to; spray-in air, immersion spray, vapor degreasing, or ultrasonic type cleaning processes.

Storage

CORE 92 has a shelf life of 10 years when stored in a dry, non-corrosive environment such as a low humidity dry cabinet. Direct sunlight, excessive humidity, and storage near heat sources should be avoided.

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 properties, alloy compatibility and selection of solder preforms, wire, ribbon, and paste. Indium Corporation’s Technical Support Engineers provide rapid response to all technical inquiries.

Safety Data Sheets

Please refer to the SDS document within the product shipment, or contact our local team to receive a copy.

Contact our engineers: askus@indium.com
Learn more: www.indium.com
ASIA +65 6268 8678 • CHINA +86 (0) 512 628 34900 • EUROPE +44 (0) 1908 580400 • USA +1 315 853 4900

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