

Core 230-RC Robotic Soldering Wire FP-500 Flux Pens



Core 230-RC

No-Spatter, No-Clean, REACH-Compliant Robotic Soldering Wire

Indium Corporation's **Core 230-RC** is a formula developed to meet the demanding requirements of robotic and laser soldering. It incorporates a highly effective activator package with new "no-spatter" technology in a high-reliability flux media. **Core 230-RC** is fully REACH-compliant, containing no REACH substance of very high concern (SVHCs). **Core 230-RC** is not used solely for robotic and laser soldering since it also performs exceptionally well in hand soldering applications. The no-spatter feature eliminates flux spatters that can burn operators' hands.

Features

- Low-spatter formulation
- Light-colored residue
- Compatible with Pb-free and SnPb alloys
- Compatible with HASL, Immersion Silver, ENIG, and OSP surface finishes

Physical Properties

| | |
|---------------------------------|---|
| IPC J-STD-004 Classification | RELO |
| IPC J-STD-004B Classification | REL1 |
| Spatter | 0.09% |
| Acid Value (mgKOH/gram of flux) | 165 |
| IPC J-STD-006 Compliance | Indium Corporation impurity levels conform to or exceed IPC J-STD-006 |

*All information is for reference only.
Not to be used as incoming product specifications.*



FP-500

No-Clean Flux Pen

The **FP-500 No-Clean Flux Pen** utilizes a spring-loaded applicator tip to deliver a controlled amount of flux to the work surface. The user friendly pin-point application is ideal for touch-up and light assembly work. To apply, simply depress the tip of the flux pen against the work area to start the flow to the applicator tip.

Features

- Halogen-free
- Sn/Pb and Pb-free compatible
- No over-fluxing of surface
- No waste
- Easy to handle
- No flux running on incline surfaces
- No cleaning after soldering

Physical Properties

| | |
|--|----------------|
| Flux Type Classification [J-STD-004 (IPC-TM-650)] | ROLO |
| Color | Amber |
| Specific Gravity: @ 25°C (77°F) @ 15.5°C (60°F) | 0.812 0.817 |
| Acid Value | 29.5 |
| Solids Content | 11.40 |
| Flash Point (°F TCC) | 54 |

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Packaging

Each pen contains 10 grams of liquid flux. Unopened flux pens have a shelf life of 2 years.

Contact our experts: sales@valuetronics.com

Learn more: www.valuetronics.com/manufacturers/indium

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