

No-Clean Core Solder Wire FC5000/FC5005

In responding to a global call for green production technologies, we have applied the most advanced technology to produce no-clean core solder wire which allows no-clean process for welding and repairing.

Features

- Strong adhesion to many materials, appropriate for all forms of soldering
- No halides added, non-corrosive, no splash, no odor
- Less flux residue for shiny and clean solder spots
- Excellent wetting abilities
- No-clean technology saves time and labor for fast production or repairing

Specification

| Composition, % | Sn/Pb 63/37 | Sn/Pb 60/40 |
|---------------------|---|-------------|
| Melting point, °C | 183 | 183 ~ 190 |
| Specific gravity | 8.4 | 8.5 |
| Diameter, mm (inch) | 3.0 (.114"), 2.5 (.098"), 2.0 (.079"), 1.6 (.063"), 1.2 (.047"), 1.0 (.04"), 0.8 (.032"), 0.6 (.023"), 0.5 (.02"), 0.3 (.0114") | |
| Package | 0.1KG, 0.25KG, 0.5KG, 1KG | |

Flux Classification

| Item | FC5000 | FC5005 |
|---|--|-------------------------|
| Content of flux (Wt%) | 2.0 ~ 2.2 | 2.0 ~ 2.5 |
| Type | RMA (ROL0) | RMA (ROL0) |
| Content of halides (Wt%) | Not added | Not added |
| Corrosion on Copper Plate | Passed | Passed |
| Aqueous solution resistant (Ω cm) | 100,000 over | 100,000 over |
| Insulation resistant (Ω) | 1x10 ¹² over | 1x10 ¹² over |
| Expansion (%) | 90 over | 90 over |
| Flux melting, °C | 95 | 95 |
| Residue view | Clear, minimal and dry | Clear, minimal and dry |
| Features | For precision soldering production and repairing with high reliability in no-clean processes | |



Prokit's Industries Co., LTD.

5F., NO. 7, LN. 130, MINQUAN RD., XINDIAN DIST., NEW TAIPEI CITY 231023, TAIWAN

TEL: +886 2 2218 3233 E-mail: pk@mail.prokits.com.tw