

Qualitek No Clean NC601 Lead Free Wire SAC305

SKU: LF-601 | Sizes: 0.38mm, 0.5mm, 0.7mm, 1.2mm



Features & Benefits

- ◆ **Synthetic Flux:** Provides excellent wetting and spreading properties.
- ◆ **Minimal Splattering:** Ensures a cleaner and smoother soldering process.
- ◆ **Residue Removal:** Residue removal not required, but can be cleaned with hot DI water or brushing.
- ◆ **Classification:** ORL0 NC601 for high reliability in electronics manufacturing.

About the Qualitek No Clean NC601 Lead Free Wire SAC305

The Qualitek NC601 No Clean Colophony Free Flux Lead Free SAC305 Solder Wire offers a high-performance, lead-free soldering solution, perfect for precision electronics manufacturing.

Formulated with a Tin 96.5%, Silver 3.0%, and Copper 0.5% alloy composition, this SAC305 solder wire provides excellent solder joints with a melting range of 217-219°C. The synthetic flux, with a 2.2% flux core content, ensures smooth wetting and spreading like RA-type fluxes while exhibiting virtually no splattering.

As a no-clean flux, it leaves minimal to no residue after soldering, making it ideal for high-speed, efficient assembly without the need for post-soldering cleaning.

If necessary, any remaining residue can be easily removed with hot DI water or by brushing.

Specifications

Property	Detail
Lead-Free Composition	96.5% Tin, 3.0% Silver, and 0.5% Copper for reliable soldering.
Melting Range	217-219°C (LF965-30) for consistent performance.
Flux Core Content	2.2% ensuring effective flux distribution.
No Clean, Colophony-Free Flux	Leaves virtually no residue after soldering.
Application	ESD-protected areas, electronics mfg, cleanrooms