

FLUX CORED WIRE SOLDER

NSW Cleanable type

Excellent cleaning qualities.
Unpleasant odor produced in soldering also significantly reduced.

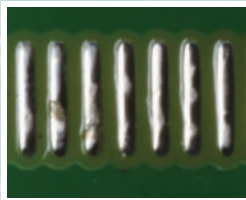
Fine Solder



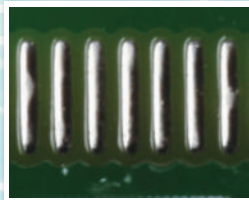
Product Features

■ Excellent cleaning performance

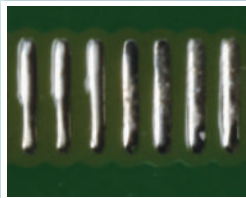
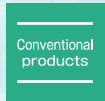
Unlike some conventional products occasionally leaving a white residue from cleaning liquid, NSW can clean up a flux residue completely thanks to its excellent cleaning performance.



Before testing



After testing



Test conditions: Immerse in cleaning liquid for 5 minutes at room temperature → IPA ultrasound for 5 minutes

■ Excellent finish with a transparent flux residue

Transparency of flux residue has been brought to the extreme. Excellent finish.



NSW



Conventional products

Alloy no.	JIS mark	Alloy composition	Solidus temperature	Liquidus temperature	Wire diameter (mm)
FLF01	A30C5	Sn96.5%-Ag3.0%-Cu0.5%	Approx. 217°C	Approx. 219°C	φ0.3·φ0.4·φ0.5 φ0.6·φ0.8·φ1.0 φ1.2·φ1.6·φ2.0
FLF07	C7A3	Sn99.0%-Ag0.3%-Cu0.7%	Approx. 217°C	Approx. 226°C	
FLF03	C7	Sn99.3%-Cu0.7%	Approx. 227°C	Approx. 227°C	

Items	NSW	Specifications (Reference)
		JIS Z 3283/AA grade
Alloy composition	FLF01/FLF03/FLF07	—
Flux content	3%	2.7% ~ 3.3%
Halide content	0.01%	0.1% >
Aqueous solution resistance	1,200Ωm	> 1,000Ωm
Insulation resistance test (85°C 85%RH 168hr)	> 2×10 ⁹ Ω	> 1×10 ⁹ Ω
Migration test (85°C 85%RH 1,000hr)	Pass	No migration
Spread rate	75%	> 65%

