



LOW RESIDUE SOLDERWIRE

IF 14-10

Interflux® Low Residue Solderwire IF 14-10 is a no-clean solderwire. Thanks to its unique formulation and the multi-flux-channel process, it has a very good wettability and leaves only very minimal or no residues.

IF 14-10 contains no halides and is based on synthetic rosin to avoid the aldehyde vapours from colophony. Minimal smoke, no splashing, and a long soldertip-life, increase the comfort for the soldering operators.

ALLOY Sn63Pb37

General characteristics

Binary solder alloy used in many applications : electricity, electrical apparatus, electronics and especially for the soldering of PCB's on automatic machines.

This alloy corresponds to following specifications :

* International:	ISO 9453	* French:	NF EN 29453 - C 90550
* German:	DIN EN 29453 - DIN 1707	* English:	BS EN 29453 - BS 219

The flux IF 14 correspond to IPC classification:

*American: J-STD-004, Type RELO

IPC and Bellcore test results available upon request.

Physical and chemical data

Tin content, Sn	: 62.5 to 63.5 %	Specific gravity (20°C)	: 8.4
Lead content, Pb	: remainder	Mechanical resistance	: Hardness Brinell:14
Melting point	: 183°C	Tensile strength	: 40 N/mm ²
Max. impurity level	: 0.05 %	Electrical conductivity	: 12 %/Cu

Packaging

This alloy can be presented as follows :

* Wires	* Available diameter	: 0.5 mm, 0.7 mm, 1 mm and 1.5 mm
	* Conditions	: DIN spools of 500 gr.

The standard packaging is a cardboard box of 6 kg.

* Flux incorporated	: IF 14	Flux content	: 1.0 %
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