



SOLDER WIRE ALU-1

PRODUCT DESCRIPTION

ALU-1 is a flux cored solder wire for the soldering on pure aluminium and several aluminium alloys. The flux system ALU-1 does not contain any toxic substances. The flux is based on chemically modified resins and contains no natural rosin. The flux system passed the SIR-tested according to J-STD 004 and is therefore classified as a No-Clean flux.

CHARACTERISTICS

The solder wire ALU-1 offers the following advantages:

- Flux content 3.5%
- Chemically modified resin, reducing the health risks of using rosin based fluxes
- Leaves just slightly coloured residues
- Does not contain any toxic substances
- Suitable for pure aluminium and several aluminium alloys
- No-Clean residues

PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	SOLDER WIRE ALU-1	
Flux type:	REM 1 according to J-STD-004	
Flux content:	Standard 3,5% ± 0,3% (by weight)	
Halide content:	0,06%	
Aluminium coorosion:	None	
Copper corrosion effect:	None, according to J-STD-004	
Surface insulation resistance:	7 days @ 85°C / 85% r.H.	>10 ⁸ Ω
Standard alloys according to ISO 9453:2006	Lead-free (Ecoloy Serie):	
	Ecoloy TC (S-Sn99Cu1)	
Available diameters:	0.7/1.0 mm	
Available reel sizes:	250 g, 500 g, 1 kg	

Other alloys, flux contents and reel sizes are available on request.

HEALTH & SAFETY

Prior to use, read the material safety data sheet and take all necessary safety precautions.

NOTICE

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