



SOLDER WIRE ZV16

PRODUCT DESCRIPTION

The Stannol ZV16 is a flux cored solder wire. The flux system ZV16 does not contain any halogens or halides (halide ZERO formulation). The flux is based on chemically modified resins and contains no natural rosin. It leaves easy to brush-off residues. As the activation is high, less flux is required, which results in very low amounts of residues.

CHARACTERISTICS

The solder wire ZV16 offers the following advantages:

- Low flux content of about 1.6% results in low amounts of residues after soldering
- Chemically modified resin, reducing the health risks of using rosin based fluxes
- Activated with organic acids
- Does not contain any halogens or halides
- Soft and easy brush-off residues
- No-Clean

PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	SOLDER WIRE ZV16	
Flux type:	RELO / J-STD-004	
Flux content:	Standard 1.6% ± 0.3% (by weight)	
Halide content:	None / J-STD-004	
Corrosion effect:	None / J-STD-004	
Surface insulation resistance:	7 days @ 85°C / 85% r.H.	>10 ⁹ Ω
Available alloys:	Lead-free (Ecoloy Serie)	
	Lead-free (Flowtin Serie)	
Available diameters:	0.5/0.7/1.0 mm	
Available reel sizes:	250 g, 500 g, 1 kg	

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

APPLICATION

The Stannol ZV16 leaves No-Clean residues, which normally do not need to be removed. If, for optical reasons, it is required to remove the residues, a soft ESD safe brush can be used to brush off the residues easily. Please note: a prompt cleaning after soldering makes removing of residues easier.

HEALTH & SAFETY

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

NOTICE

The values in this document are typical values and do not constitute a specification. This data sheet has been published for information purposes only. Any verbal or written advice given, including information as regards the potential infringement of patents held by other parties, is not binding, irrespective of whether it was given by a member of staff of STANNOL or one of our sales representatives. It is the responsibility of the user to take all necessary precautions in order to ensure that our product is suitable for the intended purpose and application. Should STANNOL be found liable for damage caused by its product, compensation for damages shall be limited to that for defects in quality.