



Product Information

FELDER-ISO-Core® "RA" - Pb93Sn5Ag2

Flux-cored, halide containing activated soft solder wire,
flux according to DIN EN 29454.1, 1.1.2.B resp. DIN EN 61190-1-1, ROM1

Art.-Nr.: 18 06.....

All information about our products is the result of our long standing experience which we would like to pass on to our customers as application support. However, as we do not have any influence on the application of the works carried out with our products, please see the warranty claims in our conditions of sale because our liability is limited.

This product information does not constitute warranted properties.

Description

Solder wire for high temperature applications. This flux-cored solder is used for hand soldering in the electro technology, electro mechanics and partly also in the field of electronic, especially in the automotive sector. The alloy S-Pb93Sn5Ag 2 has a continuous temperature resistance up to 200° C! The high ductility caused by the high lead content of this alloy ensures also a high vibration stability of the solder joints. The flux characterises itself by its high temperature constancy. An optimal wetting as well as standard excelling spreading values makes this high lead containing solder wire to a top-quality product among the core solders.

Properties

Alloy	DIN EN ISO 9453	Melting range	Density
Pb93Sn5Ag2	S-Pb93Sn5Ag2	296 – 301° C	11,0 g/cm ³
Further alloys are deliverable on customer request.			

Flux content:	2,5 % standard
Flux spreading:	1 - core
Halide content:	1,0 %
Ø in mm:	1,00, 1,50, 2,00, 3,00, 4,00
Spool size in kg:	0,25, 0,50, 1,00

Washing

The solid flux residues do not evoke corrosion at non-ferrous metals. Therefore, they may remain of the soldering joint. On application in the electronic production we recommend for removal of the flux residues an established P.C.B.'s cleaning agent on alkaline basis.

Advices

The listed solder alloy is subject to the mentioned exemption in point 7a of the appendix III of the directive 2011/65/EU (RoHS): "Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)."

We are delighted to produce all solder wires according to your company standards.