



# Product information

## FELDER-soft solder, lead free, Sn97Cu3, Sn97Cu3P

Lead free soft solder bar for flame-, iron- and dip-soldering  
Sn97Cu3, according to DIN EN ISO 9453:2014, in rods and bars

Item-No.: 129701.. /12970120P

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All information about our products are 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.

## Application

For soldering of copper gutters and drain pipes without previous rivet.

These alloys are also a lead-free alternative for the pretinning of copper braids and the dip soldering in the transformer construction.

Also available with increased phosphor content for the application in solder baths with more than 300°C soldering temperature.

## Properties

Metallic composition	:	97 % Sn, 3 % Cu
Melting range/point	:	230 – 310 °C
Electrical conductivity	:	7.5 m/Ωmm <sup>2</sup>
Specific weight	:	7.3 g/cm <sup>3</sup>
Working temperature	:	ca. 250 – 350 °C dip soldering bath: up to 450 °C

## Delivery form

Ca. 250 g triangular rods, 400 mm long, ca. 20, - kg- cardboard boxes.

Other rod dimensions and blocks are deliverable on request.

## Advices

If used in the field of roofing, apply in connection with FELDER flux **Solder liquid „KD“**.

For soldering in the field of transformer construction and in the cable industry we recommend our **cable fluxes** (e.g. „KF 070 or KF-L/HF“).

**FELDER lead-free soft solder alloys contains no materials, for which exists restrictions in the rules of 2011/65/EU (“RoHS II”), above 0,1 mass-% (0,01 mass-% for cadmium) obtained on the respectively homogeneous material.**

Other alloys are included in our standard delivery program.