



# Product Information

## FELDER- ISO-Core® „Stearin“ – Plumber Solder

Flux-cored, halide free soft solder wire based on organic acids,  
flux according to DIN EN ISO 9454-1, 2131

Art.-No: 16.....

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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.

## Description

The **FELDER-ISO-Core® "Stearin"** is a low-residue, halogen-free, lead-containing solder wire for soldering lead pipes and sheets in the plumbing trade. The flux is characterized by high temperature resistance and does not sputtering during reflow. Due to its consistency, the flux spreads very quickly over the solder joint and accelerates the solder wetting.

## Properties

Alloy acc. DIN EN ISO 9453	Melting point	Density	Article- No.
Pb70Sn30	183 °C – 255 °C	9.7 g/cm <sup>3</sup>	1632....
Pb67Sn33	183 °C – 250 °C	9.6 g/cm <sup>3</sup>	1633....
Pb65Sn35	183 °C – 245 °C	9.5 g/cm <sup>3</sup>	1637....
Pb60Sn40/(Sb)	183 °C – 238 °C	9.3 g/cm <sup>3</sup>	1640/(41)....
Sn60Pb40	183 °C – 190 °C	8.5 g/cm <sup>3</sup>	1660...
Further alloys on customer´s request			

Flux content	:	3.0 % (standard), 2.0 %
Flux spacing	:	single cored
Ø in mm	:	1.50, 2.00, 3.00, 5.00, 9.00 (Rods 400 mm)
Spool size in kg	:	1.00, 5.00

## Cleaning

After soldering, it must be checked on a case-by-case basis whether the flux residues have a corrosive effect! Flame brazing does not require the removal of flux residues. The flux residues are water-soluble and should be removed promptly after brazing, if necessary.

## Advices

We recommend squeezing off the ends of the solder wire ends to prevent them from leaking during storage. We are happy to manufacture all soldering wires according to your factory standards.