

## Rod solder, leaded

According to DIN EN ISO 9453

Delivery form	Dimensions	PU
Triangular rod	Approx. 10 x 10 x 10 x 400 mm	25.0 kg
Flat rod	Approx. 5 x 30 x 400 mm	25.0 kg
Flat rod	Approx. 4 x 10 x 400 mm	25.0 kg



Art.-no.*	Alloy	Melting range	Description and application
12310120	Pb70Sn30	183 - 255 °C	Roofing tin for stainless steel
12330120	Pb67Sn33	183 - 242 °C	Roofing tin for zinc gutters, down pipes and sheets
12360122	Pb65Sn35	183 - 245 °C	Roofing tin for zinc gutters, down pipes and sheets
12410122	Pb60Sn40	183 - 235 °C	Roofing tin for copper and zinc gutters, down pipes and sheets
12510120	Pb50Sn50Sb	185 - 216 °C	Roofing tin for copper and zinc gutters, down pipes and sheets
12610120	Sn60Pb40Sb	183 - 190 °C	Roofing tin for copper and zinc gutters, down pipes and sheets

\*These article numbers refer to the delivery form **triangular rod**.

## Colophony - plumbing solder

Flux-filled soft solder wire for soldering copper and lead (lead sheathed cable)

According to DIN EN ISO 9454.1, 1.1.1.B.  
5.0 mm Ø, in rings à 1.00 kg



Art.-no.	DIN EN ISO 9453	Melting range
19325041	Pb70Sn30	183 - 254 °C
19375041	Pb65Sn35	183 - 245 °C
19415041	Pb60Sn40	183 - 238 °C

### Note on the use of soft solders containing lead

Please note that lead is classified as toxic under the current REACH regulation and is on the proposed list of substances of concern. It is to be expected that in the foreseeable future a classification in the corresponding substance list will be made and thus a ban on use will be imminent. Even today, special safety measures must be observed when using lead.



**Made in Germany**

## Rod solder, lead free

According to DIN EN ISO 9453

Delivery form	Dimensions	PU
Triangular rod	approx. 10 x 10 x 10 x 400 mm	20.0 kg
Pressed rod	approx. 8 x 10 x 400 mm	20.0 kg



Art.-no.	Alloy	Melting range	Description and application
13741000	Sn91Zn9 (SnZn-801)	199 °C	Lead-free roofing tin (pressed quality) for soldering bright-rolled and coated zinc and zinc alloys (titanium zinc) in the roofing trade SnZn-801 is characterized by very good flow and wetting properties. A soldered seam professionally executed with this solder is permanently waterproof and has a high fatigue strength that almost corresponds to the base material. With its low melting point, it is perfectly matched to the material zinc and offers a wide process window. Pressed rods.
12970120	Sn97Cu3	230 - 250 °C	Lead-free roofing tin for copper gutters, down pipes and sheets. Due to the increased strength of the alloy Sn97Cu3, the riveting required for leaded solders can be omitted. Triangular rods.

## Copper brazing alloy Cu-Rophos® 94

For flux-free soldering of copper-copper joints in the roofing trade  
DIN EN ISO 17672, CuP 179



Art.-no.	Dimension	PU	Delivery form
330120501	2.00 mm square x 500 mm	25.0 kg	1.0 kg box
330130501	3.00 mm square x 500 mm	25.0 kg	1.0 kg box

## Copper brazing alloy Cu-Rophos® 2

For flux-free soldering of copper-copper joints in the roofing trade  
DIN EN ISO 17672, CuP 279  
Due to the silver content the soldered joint is more ductile and does not tend to crack



Art.-no.	Dimension	PU	Delivery form
333120501	2.00 mm square x 500 mm	25.0 kg	1.0 kg box
333130501	3.00 mm square x 500 mm	25.0 kg	1.0 kg box