

# Copper Paste



Protecting, separating and lubricating agent for highly stressed parts in high-temperature applications

Copper Paste is corrosion resistant and strong. It contains no sulphur, lead or nickel.

WEICON Copper Paste is used as an assembly lubricant for all kinds of threaded joints and sliding surfaces. It forms an effective lubricating and separating film which protects the functional surfaces on plug-in tools, wear bushings, screws, and all kinds of threaded, plug-in and bayonet joints against corrosion and seizing.

It can be used to reduce vibration on brake blocks and guides, brake cams and pins, car and truck battery terminals and other electrical connections, wheel bolts and nuts, and on wear bushings at electrical, compressed air and hydraulic hammers. The product can be used in many industrial applications.

## Technical data

Consistency assignment (DIN 51818)	NLGI-Class 1
Colour	Copper
Thickener	Aluminium complex soap
Basic oil	Mineral oil
Solid lubricant	Copper / Graphite
Coefficient of friction (acc. to DIN 946)	0,11 - 0,13
Total	0,12 $\mu$
Thread	0,11 $\mu$
on upside down	0,13 $\mu$
VKA-Test (DIN 51350) / Welding load	3200 N
Density	1,1 g/cm <sup>3</sup>
Kinematic viscosity basic oil (+40 °C DIN 51562)	180 mm <sup>2</sup> /s
Drop point (IP 396)	+ 180 °C
Worked penetration (DIN Iso 2137)	310 bis 340 1/10 mm
Temperature resistance	- 20 bis +1.100 °C

## Pretreatment of the surface

Depending on the degree of soiling, clean and degrease surfaces with WEICON Cleaner S first. Used threads should be cleaned with a wire brush and WEICON Cleaner S.

## Processing

Apply a good quantity of Assembly Paste with a brush, cloth or plastic sponge. On threads it is important that Assembly Paste is applied down

to the thread root to ensure a good sealing effect. Assembly Paste must not be mixed with greases or oils to avoid changes in the material characteristics. WEICON Assembly Pastes do not replace oil or grease lubrication.

## Note

Any product specifications and recommendations given herein must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do warrant the continuously high quality of our products being free from defects in accordance with and subject to our General Sales Conditions. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

## Health and Safety

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets ([www.weicon.com](http://www.weicon.com)) must be observed.

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