

Technical Datasheet

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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

Basic Oil	mineral oil
Colour	copper
Consistency assignment (DIN 51818)	NLGI-Class 1
Thickener	aluminium complex soap
density	1,1 g/cm ³
Solid lubricant	copper / graphite
Coefficient of friction	0,11 - 0,13
Friction total	0,12 μ
Friction thread	0,11 μ
Friction head bottom	0,13 μ
VKA-TEST (DIN 51350) welding load	3.200 N
Specific heat transfer capacity (20°C)	1,713 J/(g·K)
Thermal diffusivity (20°C)	0,208 mm ² /s
Thermal conductivity (ISO 22007-4) (20°C)	0,392 W/m·K
Dielectric strength (DIN EN 60243-1) (20°C)	1,7 kV/mm
Kinematic viscosity basic oil (+40°C DIN 51562)	180 mm ² /s

Drop Point (IP 396)	+180 °C
Worked penetration (DIN ISO 2137)	310 - 340 1/10 mm
Temperature resistance	-20 to 1.100 °C
IMPA-Code	450888/89/90/91/92

Processing

Apply a good quantity of Assembly Paste with a brush, cloth or plastic sponge.

Processing press pack

Remove original closure. Regulate discharge by smooth turning of the cap from min. to max. Press the lever and process the medium. After having turned the cap into the "min." position the valve closes automatically and the product flow is stopped.

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

Safety and health

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

Available sizes:

26200003	Copper Paste 30 g
26200085	Copper Paste 85 g
26200012	Copper Paste 120 g
26200200	Copper Paste 200 ml
26200040	Copper Paste 400 g
26200045	Copper Paste 450 g
26200050	Copper Paste 500 g
26200100	Copper Paste 1,0 kg
26200910	Copper Paste 10,0 kg

Accessories:

10953001	Processing Spatula,
10953003	Processing Spatula,
13955072	Press Pack Dosing Tip,
26955007	Pinselaufsatz gerade,