

## Copper Paste

### Description

Release agent and lubricant made from ultra-fine copper particles for use with machine elements subject to high thermal stress. Makes dismantling easy after long running times. Copper Paste is used at extremely high temperatures for screw connections and interfaces exposed to high temperatures and pressures and corrosive elements. Operating temperature range: -35 °C to +1,100 °C.

### Properties

- resistant to acceleration forces
- prevents transmission of vibration
- long-term corrosion protection
- high bond strength
- outstanding thermal stability
- protects from welding and seizing
- distinctive high-pressure characteristics
- resistant to hot water, salt water and splash water
- universal application
- eliminates squeaks
- lubricant and release effect

### Technical data

Brief description	KF2T-35 DIN 51502
Operating temperature range	-35 - +1100 °C
Thickener	Bentonite
NLGI number	1/2 DIN 51818
Thickener	Bentonite
Worked penetration	300 1/10 mm DIN ISO 2137
Color / appearance	coppery
Base oil	mineral oil
Viscosity at 40 °C	110 mm <sup>2</sup> /s ASTM D 7042-04
Dropping point	none DIN ISO 2176
Oil separation after 7 days at 40 °C	3,1 % DIN 51817
Oil separation after 18 hours at 40 °C	1,1 % DIN 51817
Flow pressure at -30 °C	<1400 mbar DIN 51805
Behavior in the presence of water	1-90 DIN 51807 part 1
Flash point	220 °C DIN ISO 2592



### Technical data

Pour point	-24 °C
	DIN ISO 3016

### Areas of application

Used for lubrication and separation and as a corrosion inhibitor for components exposed to high thermal load. Chemical and petrochemical industries, power stations, ceramics industry, engineering and automotive construction. Particularly suitable for use with screw connections on exhaust manifolds, shock absorbers, chassis components and brake systems\*.

\* Please follow the manufacturer's advice with regard to products which contain copper.

### Application

Apply to cleaned surfaces using a paint brush, brush or lint-free cloth. Apply the amount which is appropriate for the application.

### Available pack sizes

100 g Tube plastic	2869
	GB-DK-FIN-N-S
100 g Tube plastic	3080
	D-GB-E
100 g Tube plastic	21699
	PL-H-R0
250 g Brush-in-cap can sheet metal	3081
	D-GB-I-E-P
500 g Can sheet metal	1829
	D-NL-F-GR-ARAB
1 kg Can sheet metal	1848
	D-NL-F-GR-ARAB
1 kg Can sheet metal	4061
	D-GB-I-E-P

**Our information is based on thorough research and may be considered reliable, although not legally binding.**