

Ceramic Paste



Description

Ceramic Paste is a partially synthetic, metal-free universal paste which has been formulated for the most demanding applications. The combination of a partially synthetic base oil, a mature additive technology and the most state-of-the-art solid lubricants from the area of high-tech ceramics has produced a high-performance paste for universal use.

Properties

- resistant to certain organic acids and alkalis
- prevents stick slip
- good water resistance
- prevents seizing and cold welding
- does not attack common sealing materials
- prevents brake noise
- highest load-carrying capacity
- non-toxic

Technical data

Color / appearance	weiß / white
Base	Synthese-, Mineralöl / synthetic oil, mineral oil
Thickener	anorganische Dickungsmittel und helle Festschmierstoffe
Density at 20 °C	1,09 g/cm ³
Dropping point	keiner
Operating temperature range	-40 bis +200 kurzfristig bis +250 / -40 °C to +200 °C short term +250 °C °C als Schmierpaste -40 bis +1400 / -40 to +1400 °C als Trennpaste
Unworked penetration	~ 340
Base oil viscosity 40°C	~ 100 mm ² /s
Four-ball tester material load/weld force	3800/4000 N DIN 51 350,4
Friction numbers - thread	0,10 DIN 946
Pressfit test (no stick slip)	0,08 LFW-4
SRV (cylinder/plate; 450 N, 1,000 µm, 50 Hz, 2 h) - friction number	0,10 - 0,13 µm Reibungszahl
Form	Paste
Odor	charakteristisch / characteristic

Areas of application

Used for lubricating all types of high-load sliding surfaces. Used especially for low slide speeds and/or oscillating movements. and for screw, plug-in and bayonet connectors made from steel and non-ferrous metals. Separation of components subject to heat stress, such as internal combustion engines, turbines and motor vehicle brake systems. Corrosion protection of bolts, pins, studs, flanges, spindles and seatings in refineries, steel and cement works as well as shipping and agricultural engineering.

Application

Before treating with Ceramic Paste, all components must be clean and free from residues, dirt and moisture. 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

50 g Tube plastic	3418 D-GB-E
250 g Brush-in-cap can sheet metal	3420 D-GB-I-E-P
1 kg Can sheet metal	3413 D-GB-I-E-P
5 kg Bucket plastic	3831 D
20 kg Bucket plastic	8874 GB

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