

## Anti-Seize Ceramic Paste



**High-performance assembly paste | compatible with stainless steel and other nickel alloys (no chromium-6 formation) | metal-free**

WEICON Anti-Seize Ceramic Paste is a metal- and silicone-free synthetic high-performance assembly paste for universal use. The ceramic paste is resistant to high temperatures, has an exceptionally good release effect and is suitable for any material. The paste contains no free metals and is compatible with stainless steel and other nickel alloys (no chromium-6 formation). The assembly paste is especially suitable when metal-containing pastes can cause electrolytic reactions, when nickel-containing products should or may not be used for health reasons and when dark metal-containing products should or may not be used for visual reasons.

WEICON Anti-Seize Ceramic Paste provides excellent release, protection and lubrication even at high temperatures and high pressure. The paste offers very good protection against corrosion, wear and extreme weather conditions. The assembly paste can be used on bolts, screws, stud bolts, pipe connections, nuts, mechanical seals, etc. Typical areas of application are chemical plants, oil refineries, power stations, paper mills, steelworks and foundries as well as the shipping industry.

### Technical Data

Base	Polyalphaolefin
Colour	white
Specific properties	free from calcium hydroxide
Density	1,2 g/ml
Silicone-free	yes
Four ball weld test property load	DIN 51350 7.000 N
Four ball weld test weld load	DIN 51350 7.500 N
Four ball weld test calotte value	DIN 51350 (1min/1000N) 0,6 mm
Cone penetration	DIN ISO 2137 ~ 247
Water resistance	DIN 51807 1 - 90
Salt spray test	DIN 50021/DIN 53167 > 500 h
Electrical resistance	ASTM D 257 2,9 · 10 <sup>11</sup> Ω·cm
Sulphur content	DIN 51400 6 %
Temperature resistance	-40 °C to 1.400 °C
Minimum shelf life	at room temperature 24 mon.

### Friction values

Friction values steel-blank (M10   10.9)	
Total friction coefficient	0,15
Friction coefficients threads	0,17
Friction coefficient head	0,14
Friction value V4A (M10   A4 70)	
Total friction coefficient	0,17
Friction coefficients threads	0,16
Friction coefficient head	0,18
Friction value steel electro-galvanized (M10   10.9)	
Total friction coefficient	0,10
Friction coefficient threads	0,11
Friction coefficient head	0,09

### Approvals / Guidelines

MIL-Spec	complies with	MIL-T-83523
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### Instructions for use

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

### Surface Pre-Treatment

First clean the surface to be lubricated with WEICON Cleaner S, depending on the degree of soiling. If screws have already been used, process with the wire brush and clean with WEICON Cleaner S.

### Application

Clean and degrease surfaces with WEICON Cleaner Spray S. Apply a good quantity of assembly paste with a brush, cloth or sponge. On threads it is important that assembly paste is applied down to the thread root and up to the bottom of the screw head to ensure a good sealing effect. Assembly paste must not be mixed with greases or oils to avoid changes in the material characteristics. Assembly paste does not replace oil or grease lubrication.

### Storage

Keep tightly closed in original packaging. Protect from direct sunlight. The storage temperature must not exceed +50 °C.

#### Note

The specifications and recommendations given in this technical data sheet 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 guarantee the continuously high quality of our products. 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.

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## Assembly Pastes

Keep container in a cool, well-ventilated place. Store in a dry place.

### Available sizes

10000208 Anti-Seize Ceramic Paste, 1 kg, white  
10067867 Anti-Seize Ceramic Paste, 120 g, white  
10067869 Anti-Seize Ceramic Paste, 450 g, white

### Conversion table

(°C x 1.8) + 32 = °F	Nm x 8.851 = lb·in
mm/25.4 = inch	Nm x 0.738 = lb·ft
µm/25.4 = mil	Nm x 141.62 = oz·in
N x 0.225 = lb	mPa·s = cP
N/mm <sup>2</sup> x 145 = psi	N/cm x 0.571 = lb/in
MPa x 145 = psi	kV/mm x 25.4 = V/mil

To the product detail page:



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