

# Anti-Seize Ceramic Paste



## Long-lasting protection against corrosion, seizure and wear, 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 neutral to materials. The paste contains no free metals and is compatible with stainless steel and other nickel alloys. WEICON Anti-Seize Ceramic 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.

It 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	ca. 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	

### 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	

### 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.

### Processing

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

Store in tightly closed original container. Do not store with oxidising agents. Store at room temperature in a dry place. Original sealed containers have a shelf life of 24 months.

### 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.

#### 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.

WEICON Middle East L.L.C.  
United Arab Emirates  
phone +971 4 880 25 05  
info@weicon.ae

WEICON Czech Republic s.r.o.  
Czech Republic  
phone +42 (0) 417 533 013  
info@weicon.cz

WEICON GmbH & Co. KG  
(Headquarters) Germany  
phone +49 (0) 251 9322 0  
info@weicon.de

WEICON Romania SRL  
Romania  
phone +40 (0) 3 65 730 763  
office@weicon.com

WEICON South East Asia Pte Ltd  
Singapore  
Phone (+65) 6710 7671  
info@weicon.com.sg

WEICON Inc.  
Canada  
phone +1 877 620 8889  
info@weicon.ca

WEICON Ibérica S.L.  
Spain  
phone +34 (0) 914 7997 34  
info@weicon.es

WEICON Italia S.r.l.  
Italy  
phone +39 (0) 10 2924 871  
info@weicon.it

WEICON SA (Pty) Ltd  
South Africa  
phone +27 (0) 21 709 0088  
info@weicon.co.za

WEICON Kimya Sanayi Tic. Ltd. Şti.  
Turkey  
phone +90 (0) 212 465 33 65  
info@weicon.com.tr

# Anti-Seize Ceramic Paste

## Available sizes

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

## Conversion table

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$	$\text{Nm} \times 8.851 = \text{lb}\cdot\text{in}$
$\text{mm}/25.4 = \text{inch}$	$\text{Nm} \times 0.738 = \text{lb}\cdot\text{ft}$
$\mu\text{m}/25.4 = \text{mil}$	$\text{Nm} \times 141.62 = \text{oz}\cdot\text{in}$
$\text{N} \times 0.225 = \text{lb}$	$\text{mPa}\cdot\text{s} = \text{cP}$
$\text{N}/\text{mm}^2 \times 145 = \text{psi}$	$\text{N}/\text{cm} \times 0.571 = \text{lb}/\text{in}$
$\text{MPa} \times 145 = \text{psi}$	$\text{kV}/\text{mm} \times 25.4 = \text{V}/\text{mil}$

To the product detail page:



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