

Anti-Seize High-Tech Assembly Paste



Nonfood Compounds
Program Listed H1
Registration 141636

Metal-free | NSF registration

The assembly paste WEICON Anti Seize High-Tech is high-temperature-resistant, has excellent separating characteristics, is metal-free, neutral to materials and has an NSF registration.

It is particularly suitable when metal-containing pastes can cause electrolytic reactions, when nickel-containing products should or may not be used due to health reasons and when dark metal-containing products should or may not be used for visual reasons.

Anti-Seize

Assembly Pastes

Technical Data

Base	Medicinal white oil	
Colour	white	
Density	(+20°C) DIN 51757	1,3 ± 0,1 g/cm³
Silicone-free	yes	
Four ball weld test property load	DIN 51350	3.600 N
Four ball weld test weld load	DIN 51350	3.800 N
Four ball weld test calotte value	DIN 51350 (1min/1000N)	0,7 mm
Cone penetration	DIN ISO 2137	310 - 340 1/10 mm
Water resistance	DIN 51807	1 - 90
Heat capacity	DIN EN ISO 22007-4	1,574 J/(g·K)
Thermal conductivity	0,675 W/m·K	
Dielectric strength	DIN EN 60243-1 (20°C)	6,3 kV/mm
Salt spray test	DIN EN ISO 9227	> 170 h
Resistance	DIN EN 62631-3-1	1,0 x 10¹⁵ Ω·cm
Sulphur content	DIN 51400	<0,1 %
Compressive strength	230 MPa	
Temperature conductivity	0,302 mm²/s	
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	0,11 (min. 0,10)
Friction coefficients threads	0,12 (min. 0,10)
Friction coefficient head	0,10 (min. 0,09)
Friction value V4A (M10 A4 70)	
Total friction coefficient	0,15 (min. 0,14)
Friction coefficients threads	0,15 (min. 0,13)
Friction coefficient head	0,15 (min. 0,14)
Friction value steel electro-galvanized (M10 10.9)	
Total friction coefficient	0,08 (min. 0,07)
Friction coefficient threads	0,09 (min. 0,08)
Friction coefficient head	0,07 (min. 0,06)

Approvals / Guidelines

ISSA Code	53.402.81/82/83/84/85/86/87/88/89
IMPA Code	450882/83/84/85/86/87
MIL-Spec	complies with MIL-T-83523

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) 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

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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Anti-Seize

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

Available sizes

10000193	Anti-Seize High-Tech Assembly Paste, 120 g, white
10000195	Anti-Seize High-Tech Assembly Paste, 0,4 kg, white
10000196	Anti-Seize High-Tech Assembly Paste, 0,45 kg, white
10000197	Anti-Seize High-Tech Assembly Paste, 1 kg, white
10000199	Anti-Seize High-Tech Assembly Paste, 1,8 kg, white
10000202	Anti-Seize High-Tech Assembly Paste, 5 kg, white
10000204	Anti-Seize High-Tech Assembly Paste, 10 kg, white
10000205	Anti-Seize High-Tech Assembly Paste, 20 kg, white
10015179	Anti-Seize High-Tech Assembly Paste, 30 g, white
10030351	Anti-Seize High-Tech Assembly Paste, 0,5 kg, white
10031277	Anti-Seize High-Tech Assembly Paste, 5 g, white
10047469	Anti-Seize High-Tech Assembly Paste, 85 g, white
10050963	Anti-Seize High-Tech Assembly Paste, 60 g, white
10059293	Anti-Seize High-Tech Assembly Paste, 85 g, 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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