

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.

Technical Data

Base	Medicinal white oil	
Density	(+20°C) DIN 51757	1,42 g/cm ³
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
Sulphur content	DIN 51400	<0,1 %
Compressive strength	230 MPa	
Temperature conductivity	0,302 mm ² /s	
Temperature resistance	-40°C to +1,400°C	

Note

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Anti-Seize

Assembly Pastes

Reibwerte

Friction values steel-blank	
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	
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	
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

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.

Safety and health

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Anti-Seize High-Tech Assembly Paste

Anti-Seize

Assembly Pastes

Available sizes

26100000	Anti-Seize High-Tech Assembly Paste, 5 g
26100002	Anti-Seize High-Tech Assembly Paste, 20 g
26100003	Anti-Seize High-Tech Assembly Paste, 30 g
26100005	Anti-Seize High-Tech Assembly Paste, 5 g
26100006	Anti-Seize High-Tech Assembly Paste, 60 g
26100012	Anti-Seize High-Tech Assembly Paste, 120 g
26100040	Anti-Seize High-Tech Assembly Paste, 0,4 kg
26100045	Anti-Seize High-Tech Assembly Paste, 0,45 kg
26100050	Anti-Seize High-Tech Assembly Paste, 0,5 kg
26100085	Anti-Seize High-Tech Assembly Paste, 85 g
26100100	Anti-Seize High-Tech Assembly Paste, 1 kg
26100180	Anti-Seize High-Tech Assembly Paste, 1,8 kg
26100200	Anti-Seize High-Tech Assembly Paste, 200 ml
26100500	Anti-Seize High-Tech Assembly Paste, 5 kg
26100910	Anti-Seize High-Tech Assembly Paste, 10 kg
26100920	Anti-Seize High-Tech Assembly Paste, 20 kg

Conversion table

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

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