

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	1,42 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
Salt spray test	DIN EN ISO 9227	> 170 h
Resistance	DIN EN 62631-3-1	1,0 x 10 ¹⁵ Ω·cm
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

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

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.

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

Note

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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) 010 2924 571
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.
Türkiye
phone +90 (0) 212 465 33 65
info@weicon.com.tr

Anti-Seize High-Tech Assembly Paste

Anti-Seize

Assembly Pastes

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.

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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