

Technical Datasheet

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Anti-Seize High-Tech Assembly Paste



reliable protection against corrosion seizing and cold welding metal-free NSF approval

Anti-Seize "High-Tech" is high temperature resistant, has excellent separating characteristics, is metal-free, neutral to materials and has an NSF approval.

Anti-Seize „High-Tech“ 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 metalcontaining products should or may not be used for optical reasons.



Technical Data

Basic Oil	medicinal oil
Colour	white
Density at +20°C (+68°F) (DIN 51757)	1,42 g/cm ³
OFW device coefficient of friction	0,10 - 0,13
Friction total	0,13 μ
Friction thread	0,11 μ
Friction head bottom	0,14 μ
VKA-TEST (DIN 51350) goods load	3.600 N
VKA-TEST (DIN 51350) welding load	3.800 N
VKA-TEST (DIN 51350) Spherical cap value (1Min/1000N)	0,7 mm
Worked penetration (DIN ISO 2137)	310 - 340 1/10 mm
Specific heat transfer capacity (20°C)	1,574 J/(g·K)
Thermal diffusivity (20°C)	0,302 mm ² /s
Thermal conductivity (ISO 22007-4) (20°C)	0,675 W/m·K
Dielectric strength (DIN EN 60243-1) (20°C)	6,3 kV/mm

Sulfur content (DIN 514)	<0,1 %
Water resistance (DIN 51807)	1 - 90
Pressure (DIN 53281-83)	230 N/mm ²
Salt spray test	> 170 h
Specific resistance	1,0 x 10 ¹⁵ Ohm/cm
Temperature resistance	-40 to +1.400 °C
ISSA-Code	53.402.81/82/83/84/85/86/87/88/89
IMPA-Code	450882/83/84/85/86/87

Surface pre-treatment

Clean and degrease surfaces. Apply the assembly paste evenly. AS is suitable only for assembly paste specific applications, it does not replace pure lubricants and greases.

Processing

Apply a good quantity of Assembly Paste with a brush, cloth or plastic sponge. On threads it is important that Assembly Paste is applied down to the thread root to ensure a good sealing effect. Assembly Paste must not be mixed with greases or oils to avoid changes in the material characteristics. WEICON Assembly Pastes do not replace oil or grease lubrication.

Storage

Keep container tightly closed. Do not store together with oxidizing agents. Store in a dry place at storage temperature. Original container are storable for 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.

Available sizes:

26100005	Anti-Seize High-Tech Assembly Paste 5 g
26100003	Anti-Seize High-Tech Assembly Paste 30 g
26100085	Anti-Seize High-Tech Assembly Paste 85 g
26100012	Anti-Seize High-Tech Assembly Paste 120 g
26100040	Anti-Seize High-Tech Assembly Paste 400 g
26100045	Anti-Seize High-Tech Assembly Paste 450 g
26100050	Anti-Seize High-Tech Assembly Paste 500 g
26100100	Anti-Seize High-Tech Assembly Paste 1.0 kg
26100180	Anti-Seize High-Tech Assembly Paste 1.8 kg
26100500	Anti-Seize High-Tech Assembly Paste 5.0 kg
26100910	Anti-Seize High-Tech Assembly Paste 10.0 kg
26100920	Anti-Seize High-Tech Assembly Paste 20.0 kg

Accessories:

10953001	Processing Spatula,
10953003	Processing Spatula,