

防卡剂食品级



长效防腐蚀、防自锁、防冷焊

不含金属

NSF食品级认证

WEICON 食品级防卡剂能够耐高温，隔离性能优越，不含金属，不伤材料，并取得NSF食品级认证。

含金属的装配膏易对材料产生电化学腐蚀，含镍产品有害健康，深色含金属的产品影响美观。在这种情况下，WEICON 食品级防卡剂则能够派上用场。



技术参数

基础油	医用白油
颜色	白色
温度+20°C (依据 DIN 51757)时的密度	1,42 g/cm ³
SRV测试 摩擦系数	0,10 - 0,13
总摩擦系数	0,13 μ
螺纹摩擦系数	0,11 μ
倒置摩擦系数	0,14 μ
四球摩擦实验(依据 DIN 51350) 最大无卡咬负荷	3.600 N
四球摩擦实验(依据 DIN 51350) 烧结负荷	3.800 N
四球摩擦实验(依据 DIN 51350) 球冠值(1Min/1000N)	0,7 mm
润滑脂的锥体针入度 (DIN ISO 2137)	310 - 340 1/10 mm
比热容(20°C)	1,574 J/(g·K)
热扩散率(20°C)	0,302 mm ² /s
热传导率(ISO 22007-4) (20°C)	0,675 W/m·K
介电强度(DIN EN 60243-1)(20°C)	6,3 kV/mm
硫磺含量 (依据 DIN 51400)	<0,1 %
防水性(依据 DIN 51807)	1 - 90

提示

本资料中列出的所有产品，其参数和建议是在实验室的测试结果及经验总结，不得被视为对产品特性的保证。由于每一个用的实际应用情况并不在我们的认知、控制及责任范围内，我们对这些信息并不承担任何义务。我们保证我们的产品符合并遵守我们销售条款中承诺的高品质、无瑕疵的要求。我们建议用户通过自行试验来论证其希望选用的产品是否完全符合预期。因用户未遵照指定的操作方法使用产品而造成损失的情况，用户将独自承担全部责任。

抗压强度(依据 DIN 53281-83)	230 N/mm ²
盐雾测试	> 170 h
电阻率	1,0 x 10 ¹⁵ Ohm/cm
耐温性	-40至+1400 °C
ISSA 编码	53.402.81/82/83/84/85/86/87/88/89
IMPA 编码	450882/83/84/85/86/87

表面预处理

依照脏污程度，需使用WEICON清洁剂S对待润滑的物体表面进行清洁。已使用过的螺栓请事先用钢刷处理，然后再用WEICON清洁剂S进行彻底清洁。

操作

使用毛笔、刷子、拭布或塑料海绵将防卡剂充分涂抹在物体表面。用于螺栓时，需注意务必要将产品涂满每个螺牙，以确保其密封效果。为了使各个工件的性能保持一致，请勿将该防卡剂与其他润滑油脂混合使用。此外，WEICON防卡剂并不能够直接替代润滑产品。

储藏

将容器密封保存。勿与氧化剂共同存放。干燥、室温存放。未开封时可储存24个月。

安全与健康

使用WEICON产品时，需注意产品的物理性、安全性、毒性、生态性的详细参数以及我们EG材料安全数据表 (www.weicon.com) 的具体信息。

包装

26100005	防卡剂食品级 5 g
26100003	防卡剂食品级 30 g
26100085	防卡剂食品级 85 g
26100012-47	防卡剂食品级 120 g
26100040	防卡剂食品级 400 g
26100045-47	防卡剂食品级 450 g
26100050-47	防卡剂食品级 500 g
26100100	防卡剂食品级 1,0 kg
26100180	防卡剂食品级 1,8 kg
26100500	防卡剂食品级 5,0 kg
26100910	防卡剂食品级 10,0 kg
26100920	防卡剂食品级 20,0 kg

产品配件

10953001	处理抹刀,
10953003	处理抹刀,

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Anti-Seize High-Tech Assembly Paste



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

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

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.

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
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26100920	Anti-Seize High-Tech Assembly Paste 20.0 kg

Accessories:

10953001	Processing Spatula,
10953003	Processing Spatula,

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