

硅基润滑脂



用于阀、仪表及密封件的特殊润滑脂

该产品是一款高粘附性的透明硅基润滑脂，与塑料的兼容性极好。它适用于阀、仪表及各种密封件。符合德国联邦环境署KTW关于与饮用水接触的条款要求。

WEICON硅基润滑脂具NSF H1食品级认证，因而适用于敏感领域的润滑，允许与食品进行非蓄意性接触。

该产品可广泛应用于食品技术、饮料工业、卫生与制暖领域、制药工业及密封技术。WEICON 硅基油脂经 BAM 审核，技术安全符合标准 ---- 详见 BG RCI 机构须知 M 034-1 “适用于氧气环境的非金属材料列表”（DGVU 信息 213-075）。

该润滑脂与各种材料的兼容性极好，无气味，无味道，耐温范围为-50°C至+200°C。

WEICON硅基润滑脂适用于润滑塑料部件、橡胶部件及橡胶密封圈、设备与机器、转速较慢的轴承等，并可作为安装O型密封圈时的辅助产品。



技术参数

基础成分	气相二氧化硅硅油
颜色	无色，半透明
温度+20°C (依据 DIN 51757)时的密度	0,98 g/cm ³
润滑脂的锥体针入度 (DIN ISO 2137)	222 - 310 1/10 mm
防水性(依据 DIN 51807)	0 - 90
比热容(20°C)	1,295 J/(g·K)
热扩散率(20°C)	0,351 mm ² /s
热传导率(ISO 22007-4) (20°C)	0,445 W/m·K
介电强度(DIN EN 60243-1)(20°C)	9,2 kV/mm
EMCOR-腐蚀测试 (DIN 51 802)	1 / 2
符合	NSF-H1食品级认证，配方符合 FDA 178.3570 o. 21 CFR 178.3570要求。
保存期限	24 个月
耐温性	-50 至 +200 °C

提示
本资料中列出的所有产品，其参数和建议是我们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。

表面预处理
清洁材料表面。

储藏
原包装密封保存。勿与氧化剂共同存放。将产品密封保存于阴凉、通风的地方。建议储藏温度：室温。

安全与健康
使用WEICON产品时，需注意产品的物理性、安全性、毒理性、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

26350005	硅基润滑脂 5 g
26350085	硅基润滑脂 85 g
26350040	硅基润滑脂 400 g
26350045	硅基润滑脂 450 g
26350100	硅基润滑脂 1,0 kg
26350500	硅基润滑脂 5,0 kg
26350925	硅基润滑脂 25,0 kg

WEICON GmbH & Co. KG
(Headquarters)
Germany
phone +49 (0) 251 9322
0
info@weicon.de
www.weicon.de

WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709
0088
info@weicon.co.za
www.weicon.co.za

WEICON Middle East L.L.C.
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae
www.weicon.ae

WEICON South East Asia Pte Ltd
Singapore
phone (+65) 6710 7671
info@weicon.com.sg
www.weicon.com.sg

WEICON Inc.
Canada
phone +1 877 620 8889
info@weicon.ca
www.weicon.ca

WEICON Czech Republic
s.r.o.
Czech Republic
phone +42 (0) 417 533 013
info@weicon.cz
www.weicon.cz

WEICON Kimya Sanayi Tic. Ltd.
Şti.
Turkey
phone +90 (0) 212 465 33 65
info@weicon.com.tr
www.weicon.com.tr

WEICON Ibérica S.L.
Spain
phone +34 (0) 914 7997 34
info@weicon.es
www.weicon.es

WEICON Romania SRL
Romania
phone +40 (0) 3 65 730
763
office@weicon.com
www.weicon.com.ro

WEICON Italia S.r.l.
Italy
phone (+39) 0102924871
info@weicon.it
www.weicon.it

Silicone Grease



Special lubricant for valves, fittings and sealings

Strong and transparent silicone grease with a very good compatibility to plastics, especially for applications on valves, fittings and sealings.

Due to its NSF H1 registration, WEICON Silicone Grease is suitable as lubricant in sensitive areas where inadvertent contact to food is possible. It can be used in the food and beverage industry, in sanitary and heating construction, in the pharmaceutical industry as well as in sealing technology.

The grease is exceptionally material-friendly, neutral in odour and taste and has a temperature resistance of -50°C to +200°C.

WEICON Silicone Grease is suitable for the lubrication of plastics, rubber parts and seals, valves, fittings and gaskets, machines, equipment, slow rotating bearings and as assembly aid for O-rings.

Surface pre-treatment
Clean surfaces.

Processing
Apply Silicone Grease evenly.

Storage
Store in tightly closed original container. Do not store with oxidising agents. Keep container tightly closed and store in a cool, well-ventilated area. Recommended storage temperature: room temperature.

Safety and health
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.

Available sizes:	
26350005	Silicone Grease 5 g
26350085	Silicone Grease 85 g
26350040	Silicone Grease 400 g
26350045	Silicone Grease 450 g
26350100	Silicone Grease 1,0 kg
26350500	Silicone Grease 5.0 kg
26350925	Silicone Grease 25.0 kg



Technical Data

Consistency assignment (DIN 51818)	NLGI grade 2-3
Base	pyrogenic silicon dioxide silicone oil
Colour	colourless, translucent
Density at +20°C (+68°F) (DIN 51757)	0,98 g/cm ³
Worked penetration (DIN ISO 2137)	222 - 310 1/10 mm
Water resistance (DIN 51807)	0 - 90
Specific heat transfer capacity (20°C)	1,295 J/(g·K)
Thermal diffusivity (20°C)	0,351 mm ² /s
Thermal conductivity (ISO 22007-4) (20°C)	0,445 W/m·K
Dielectric strength (DIN EN 60243-1) (20°C)	9,2 kV/mm
EMCOR corrosion test (DIN 51 802)	1 / 2
Conforms to	NSF-H1, ingredients comply with the FDA regulations 178.3570 or 21 CFR 178.3570
Storage stability	24 months
Temperature resistance	-50 to +200 °C

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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(Headquarters)
Germany
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www.weicon.es

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