

# 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.



## Technical Data

Consistency assignment (DIN 51818)	NLGI grade 2-3
Composition	pyrogenic silicon dioxide silicone oil
Colour	colourless, translucent
Density at +20°C (+68°F) (DIN 51757)	0,98 g/cm <sup>3</sup>
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 <sup>2</sup> /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
Storage stability	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.

### 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](http://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

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

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

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

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

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

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

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

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

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

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