

AL-M High Performance Grease



long-life grease with MoS2 strong adhesion and high pressure resistant

WEICON AL-M reduces friction and wear for a long time and is suited for rolling and slide bearings, joints, levers, sliding guides, spindles, camshafts, spline shafts, springs, open gears, worm gears and at all sliding speeds permitted for grease lubrication.

Technical Data

Abbreviation (DIN 51502)	KF 2 K -20
Consistency assignment (DIN 51818)	NLGI-Class 2
Base	Li/Ca soap / MoS2 / mineral oil
Colour	black
Density at +20°C (+68°F) (DIN 51757)	0,92 g/cm ³
VKA-TEST (DIN 51350) welding load	3.000 N
VKA-TEST (DIN 51350) goods load	3.200 N
VKA-TEST (DIN 51350) Spherical cap value (1Min/1000N)	0,5 mm
Worked penetration (DIN ISO 2137)	265 - 295 1/10 mm
Water resistance (DIN 51807)	1 - 90
Specific heat transfer capacity (20°C)	1,766 J/(g·K)
Thermal diffusivity (20°C)	0,303 mm ² /s
Thermal conductivity (ISO 22007-4) (20°C)	0,491 W/m·K
Dielectric strength (DIN EN 60243-1) (20°C)	11,5 kV/mm
Drop Point (IP 396)	> 170 °C
Kinematic viscosity (DIN 51562) at +40°C	185 mm ² /s
Kinematic viscosity (DIN 51562) at +100°C	14 mm ² /s
EMCOR corrosion test (DIN 51 802)	0 / 0
Storage stability	24 months
Temperature resistance	-20 to +120 °C
ISSA-Code	53.052.01/02
IMPA-Code	450435/36

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 AL-M evenly.

Storage

Keep in closed original container. Do not store together with oxidizing agents. Keep container tightly closed and store at cool and ventilated place. Recommended storage temperature: room temperature.

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:

26400040	AL-M High Performance Grease 400 g
26400100	AL-M High Performance Grease 1.0 kg
26400500	AL-M High Performance Grease 5.0 kg
26400925	AL-M High Performance Grease 25.0 kg

Accessories:

10953001	Processing Spatula, short
10953003	Processing Spatula, long

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

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

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