



Weicon Anti-Seize - High Tech

Weicon Anti-Seize High Tech is a premium quality, metal-free grade of assembly paste that provides exceptional performance. Anti-Seize High Tech is available in a wide range of different size containers (and as a spray) and is produced from medicinal white oil.

White in colour, Anti-Seize High Tech is metal-free, has excellent separating characteristics and is neutral to materials. It is particularly suitable for applications where metal containing pastes can cause electrolytic reactions, where nickel containing products should not be used for health reasons or where dark metal based products may not be used for optical reasons.

Anti-Seize High Tech is NSF approved for use in the food industry, according to USDA H1.

Features and Benefits

- Outstanding Sliding Properties
- Heat Resistant to 1400°C
- Metal-Free (less than 0.1%)
- Good Sealing Properties
- Outstanding Pressure Resistant (230N/mm²)
- Eliminates Squeaks and Creaks on Disk Brakes
- Economical to Use. 1kg covers approximately 40-50m²
- Prevents Fretting Corrosion
- Prevents Cold Welding
- Free of Toxic Heavy Metals
- Allows easy assembly and disassembly
- Withstands salt water and most chemicals
- NLGI Class 1 Material

Properties

Basic Oil	Medicinal Oil
Colour	White
OFW Device Coefficient Of Friction	0.1 to 0.13
Coefficient of Friction Total	0.13 μ
Coefficient of Friction Thread	0.11 μ
Coefficient of Friction Upside Down	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 (1 Min / 1000)	0.7mm
Worked Penetration (DIN ISO 2137)	310 to 340 1/10mm
Sulphur Content (DIN 51400)	<0.1%
Water Resistance (DIN 51807)	1-90
Temperature Resistance	-40°C to +1,400°C
Pressure Load	230 N/mm ²
Density at 20°C (DIN 50017)	1.42 g/cm ³
Salt Spray Test (DIN 50017)	>170 Hours
Thermal Conductivity	0.7 W/m ·K
Dielectric Strength	0.4 kV/mm
Specific Resistance	1 x 10 ¹⁵ Ohm/cm

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Phone: 1300 098 060

Important

This information should not be treated as a substitute for specific technical advice. AG does not offer such advice and cannot warrant the performance or suitability of products for particular applications.



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Compatibility of Anti-Seize with various sealing materials.

ABS – ABS Copolymeride	++	PE – Polyethylene	++
ACM – Acrylate Rubber	++	PET – Polyethyleneterephthalate	++
CA – Cellulose Acetate	++	POM – Polyoxymethylene	++
CR – Chloroprene Rubber	+	PP – Polypropylene	++
CSM – Chlorosulfonated PE Rubber	++	PPO – Polyphenylene Oxide	++
EPDM – Ethylene Propylene Diene Rubber	--	PS – Polystyrene	+
EPS – Expanded Polystyrene	++	PTFE – Polytetrafluoroethylene	++
FKM – Fluorocaoutchoc	++	PUR – Polyurethane	+
LDPE – Low Density Polyethylene	+	PVC – Polyvinylchloride	++
NBR – Nitrile Butadiene Rubber	++	SBR – Styrene Butadiene Rubber	--
NR – Natural Rubber	--	SQM/MVQ – Silicone Rubber	++
PA – Polyamide	++	UHMWPE – Ultra High Molecular Weight Polyethylene	++
PC – Polycarbonate	--		

++ Resistant

+ Resistant to a limited extent

-- Not Resistant

Preparation of the Surface

Depending on the degree of soiling, first clean and degrease surfaces with Weicon Cleaner S. Used threads should be cleaned with a wire brush and Cleaner S.

Processing

If using the spray version of Weicon Anti-Seize, shake can before use until the mixing ball can be clearly heard. Apply Anti-Seize ASW400 evenly from a distance of approximately 15cm.

When using the paste version of Anti-Seize, prepare the surface as per the above instructions and apply the paste evenly using a brush, cloth or plastic sponge. On threads it is important that Anti-Seize Paste is applied down to the thread root to ensure a good sealing effect.

Please note that this product is suitable only for assembly paste specific applications. It does not replace pure lubricants and greases. Mixing it with other lubricants will change the properties of Anti-Seize.

Storage

The liquid/paste versions of Anti-Seize High Tech should be kept in their closed, original container. Do not store together with oxidising agents. Keep container tightly closed and store in a cool, well aired place. The spray version of Anti-Seize High Tech should be stored away from heat and direct solar radiation. Storage temperature should never exceed 50°C. Store container in a cool, well aired place.

Availability

Weicon Anti-Seize High Tech is available in the following forms and pack sizes:

- 30gm Pens
- 120gm Brush-Top Cans
- 400ml Sprays
- 450gm Cans
- 500gm Brush-Top Cans
- 1kg Cans
- 10kg Buckets

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