Technical Sprays
Assembly Sprays

Anti-Seize High-Tech Spray



NSF Nonfood Compounds Program Listed **H1** Registration **141636**

Metal-free | NSF registration

WEICON 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 dry lubricant paste for metal screw connections and 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 metal-containing products should or may not be used for visual reasons.

Technical Data

Base		medical white oil
Colour		white
Density	(+20°C) DIN 51757	1,42 g/cm³
Silicone-free		yes
Four ball weld test property load	DIN 51350	3600 N
Four ball weld test weld load	DIN 51350	3800 N
Four ball weld test calotte value	DIN 51350 (1min/1000N)	0,7 mm
Cone penetration	DIN ISO 2137	310 - 340 1/10 mm
Water resistance	DIN 51807	1 - 90
Pressure		230 N/mm²
Thermal conductivity		0,7 W/m·K
Dielectric strength	DIN EN 60243-1 (20°C)	0,4 kV/mm
Temperature resistance		-40 °C to +1,400 °C
Approvals / Guidelines		
ISSA Code		53.402.19
IMPA Code		450847
MIL-Spec	complies with	MIL-PRF-907H / MIL-A-13881C

Friction coefficients

Reibwerte Stahl-blank	
Total friction coefficient	0,11 (min. 0,10)
Friction coefficients threads	0,12 (min. 0,10)
Friction coefficient head	0,10 (min. 0,09)
Reibwert V4A	
Total friction coefficient	0,15 (min. 0,14)
Friction coefficients threads	0,15 (min. 0,13)
Friction coefficient head	0,15 (min. 0,14)
Reibwert Stahl galvanisch verzinkt	
Total friction coefficient	0,08 (min. 0,07)
Friction coefficient threads	0,09 (min. 0,08)
Friction coefficient head	0,07 (min. 0,06)

Surface pretreatment

First clean the surface to be lubricated with WEICON Cleaner S, depending on the degree of soiling. If screws have already been used, process with the wire brush and clean with WEICON Cleaner S. For a better spray function, warm the product up to room temperature.

Application

Shake can until mixing pea is audible. Spray on from a distance of approx. 15 cm. ASW 400 is only suitable for active substance-specific use, it does not replace oil or grease lubrication.

Storage

Container is pressurised. Protect from direct sunlight and temperatures above +50 °C.

Instructions for use

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

10000221 Anti-Seize High-Tech Spray, 400 ml, white

To the product detail page:

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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