

# Anti-Seize High-Tech



metal-free  
NSF approval

Anti-Seize "High-Tech" is high temperature re--sistant, has excellent separating characteristics, is metal-free, neutral to materials and has an NSF approval.

Anti-Seize „High-Tech“ is 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 optical reasons.

## Technical data

|  |                               |
|--|-------------------------------|
| Basic oil  | Medicinal oil                 |
| Colour   | white                         |
| OFW device coefficient of friction                   | 0,10 bis 0,13                 |
| coefficient of friction total                        | 0,13 $\mu$                    |
| coefficient of friction thread                       | 0,11 $\mu$                    |
| coefficient of friction on upside down               | 0,14 $\mu$                    |
| VKA-Test (DIN 51350) goods load                      | 3600 N                        |
| VKA-Test (DIN 51350) welding load                    | 3800 N                        |
| VKA-Test (DIN 51350) Spherical cap value (1 Min / 10 | 0,7 mm                        |
| Worked penetration (DIN ISO 2137)                    | 310 bis 340 1/10 mm           |
| Sulphur content (DIN 51400)                          | < 0,1 %                       |
| Water resistance (DIN 51807)                         | 1 - 90                        |
| Temperature resistance                               | -40 bis +1400 °C              |
| Pressure load  | 230 N/mm <sup>2</sup>         |
| Density at +20 °C (DIN 51757)                        | 1,42 g/cm <sup>3</sup>        |
| Salt spray test (DIN 50017)*                         | > 170 h                       |
| Thermal conductivity                                 | 0,7 W/m·K                     |
| Dielectric strength                                  | 0,40 kV/mm                    |
| Specific resistance                                  | 1,0 x 10 <sup>15</sup> Ohm/cm |

## Pretreatment of the surface

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

## Processing

Apply a good quantity of Assembly Paste with a brush, cloth or plastic sponge. On threads it is important that Assembly Paste is applied down to the thread root to ensure a good sealing effect. Assembly Paste

must not be mixed with greases or oils to avoid changes in the material characteristics. WEICON Assembly Pastes do not replace oil or grease lubrication.

## Storage

Keep in closed original container. Do not store together with oxidizing agents. Keep container tightly closed. Store in a dry place. Recommended storage temperature: room temperature.

## Note

Any product specifications and recommendations given herein 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 warrant the continuously high quality of our products being free from defects in accordance with and subject to our General Sales Conditions. 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.

## Health and Safety

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets ([www.weicon.com](http://www.weicon.com)) must be observed.

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