

# Anti-Seize Nickel



## Assembly Paste for extreme conditions

The assembly paste was developed to resist extreme conditions. It is highly sticky, water repellent and resistant to sweet, salt and hot water as well as steam. The high nickel component furthermore provides protection against corroding and corrosive solvents which are contained in diluted hydrochloric acid, sulphur or nitric acid, among others. Anti-Seize Nickel can be applied at a large temperature range between -30°C to +1,450°C.

Anti-Seize Nickel serves as corrosion protection and highperformance fitting grease for static and dynamically extremely stressed screw connections and installation parts and the application at slowly rotating system in the high-temperature range.

The paste protects against corrosion, seizing, wear, stick-slip effects, oxidation and friction corrosion as well as electrolytic reactions, the so-called cold-sealing. For example, Anti-Seize Nickel can be used on seals, valves, screw connections, gear wheels, bearings, jets, conveyor belts, studs, tools or cylinders.

## Technical Data

|   |               |
|---|---------------|
| Basic Oil   | Synthetic oil |
| Colour  | anthracite    |
| SRV device friction coefficient                     | 0,16          |
| Friction total                                      | 0,15 µ        |
| Friction thread                                     | 0,14 µ        |
| Friction head bottom                                | 0,16 µ        |
| VKA test (DIN 51350) Welding load                   | 2000 N        |
| VKA test (DIN 51350) Calotte value (1 min / 1000 N) | 0,6 mm        |

|                                 |                        |
|---------------------------------|------------------------|
| Walkpenetration (DIN ISO 2137)  | 310 to 340 1/10 mm     |
| Sulfur content (DIN 51400)      | < 0,1 %                |
| Water resistance (DIN51807)     | 1 - 90                 |
| Temperature resistance          | -40 to +1400 °C        |
| Pressure load                   | 230 N/mm <sup>2</sup>  |
| Density at + 20 ° C (DIN 51757) | 1,30 g/cm <sup>3</sup> |
| Salt spray test (DIN 50017)     | > 170 h                |

## Surface pretreatment

Clean and degrease surfaces. Apply the assembly paste evenly. AS is suitable only for assembly paste specific applications, it does not replace pure lubricants and greases.

## 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 container tightly closed. Do not store together with oxidizing agents. Store in a dry place at storage temperature. Original container are storable for 24 months.

## 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](http://www.weicon.com)) must be observed.

## Available sizes:

|          |                          |
|----------|--------------------------|
| 26050045 | Anti-Seize Nickel 450 g  |
| 26050500 | Anti-Seize Nickel 5 kg   |
| 26050910 | Anti-Seize Nickel 10 kg  |
| 26050920 | Anti-Seize Nickel 20 kg  |
| 26050050 | Anti-Seize Nickel 500 g  |
| 26050012 | Anti-Seize Nickel 120 g  |
| 26050040 | Anti-Seize Nickel 400 g  |
| 26050100 | Anti-Seize Nickel 1 kg   |
| 26050180 | Anti-Seize Nickel 1,8 kg |

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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