



## TECHNICAL DATA

# HTS PASTE

## Polysiloxane Lubricant (Silikon-Grease)

HTS PASTE is a clear, neutral, thermally stable lubricant, protector and sealant. Especially developed for lubrication and separation of plastics and rubbers, either with each other or in combination with metals or non-ferrous metals.

HTS PASTE contains high-purity silicone greases and temperature-stable special additives. It is resistant to water vapour, diluted acids, alkaline solutions and gases.

HTS PASTE is suitable for use wherever conventional lubricants are unsuitable due to their colour, their dirt-repelling effect or for reasons of occupational safety.

**Safety:** NSF certified product. This product is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas.

### FEATURES:

- Protects against wear, humidity and oxidation, possesses anti-static properties, repels dust and water and does not harden.
- Is chemically inert and possesses excellent hydrophobic and dielectric properties.

### APPLICATION EXAMPLES:

- Facilitates assembly and disassembly of sensitive components.
- Lubrication of rolling and sliding bearings with low bearing pressures.
- Protection from freezing and drying out on door and window rubbers.
- Lubricates precision mechanical parts, circuits, valves, equipment and guide rails.
- Lubrication of fittings, valves, joints and seals.
- Maintenance of plastic, wood, leather, formica, glass, carbon, and stainless steel surfaces.
- Installation assistance and maintenance of profile rubber, hoses, O-rings, cables and gaskets.
- Release agents and sealants for valves and seals.
- Lubrication of guide rails, sunroofs and seatbelts.
- Protection from weathering on all bare metal contacts.

### TECHNICAL DATA:

Colour: / Odour:	Transparent / Characteristic
Form:	Paste
SG at 20°C:	0,93 g/cm <sup>3</sup>
Miscibility with Water:	Immiscible
Flash Point:	>300°C
Temperature Resistance:	-50°C to +220°C (intermittent +270°C)

**Instructions for use:** In order to achieve an optimal result, it is recommended to clean the parts first. Dirt and other lubricant residues must be removed. Apply the product with a brush, sponge or cloth thinly onto the surfaces. The pen version is suitable for very fine work, where the product can be applied directly.

**Note:** Silicone based plastics may be loosened with silicone grease. Wetted surfaces are no longer can be painted or bonded.

**General information:** The information contained herein serves merely as an indication and is given to the best of knowledge. The users must test the suitability of the product for her/its/their respective application independently however. All products purchased from or supplied by Nohtec are subject to terms and conditions set out in the contract. Nohtec warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Nohtec is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Nohtec makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will infringe any patent.