



Technical Data Sheet

Food-Tek Silfood HT

A food grade, premium quality, chemically inert, high temperature silicone grease for food, beverage, pharmaceutical and other clean industries

Silfood HT is a premium quality, non toxic, chemically resistant, silicone high temperature grease, containing PTFE anti-wear plus other special additives to help increase wear resistance in all applications, including high temperatures. **Silfood HT** is resistant to a wide range of cleaning fluids and other aggressive chemicals, and has excellent sealing properties to prevent contamination of bearings and components. **Silfood HT** has WRAS approval for use in potable water applications such as taps and faucets.

Applications: -

All plain and anti-friction bearings, bushes, slides, guides pins pivots and other moving parts. High and low temperature applications. Excellent for chemical applications and wash down areas within the food and clean industries. Excellent compatibility with rubbers and plastics for "O" ring lubrication.

Features and Benefits: -

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| ➤ NSF H1 registered | Safe to use where incidental food contact may occur. |
| ➤ Contains PTFE | Excellent anti-wear properties |
| ➤ Safe on rubbers and plastics | Ideal assembly aid for "O" rings |
| ➤ Excellent temperature range | Working temperature range of -20°C to +220°C |
| ➤ Fully Synthetic | Extends lubrication intervals even at high temperatures |
| ➤ WRAS approved | Safe to use in potable water applications |

Method of Application: -

Silfood HT can be applied manually, or by using a standard grease gun (400gm cartridges available), or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease; consult a qualified centralised lubrication systems engineer before installation.

Part Number: 10512



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Typical Characteristics and properties

Appearance	-	Semi translucent grease
Colour	-	White
NLGI Classification (IP 50)	-	2
Thickener	-	Silica
Worked penetration (IP 50)	-	265 to 295
Drop Point (IP 132)	-	None
Base oil	-	High Viscosity Silicone oil
Solid Lubricant	-	PTFE
Corrosion resistance EMCOR (IP220)	-	0:0
Copper Corrosion (IP 112)	-	Pass
Water washout (IP215) @ 38°C	-	< 2% maximum
Four Ball (IP 239)	Weld Load	- 180 kg
	Mean Hertz load	- 30 kg
dN Factor	-	200,000
Operating temperature range	-	-20°C to +220°C

The content of this data sheet is given in good faith but without warranty.