



# PRODUCT DATA SHEET



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## NO-TOX<sup>®</sup> FOOD GRADE SILICONE GREASE

**No-Tox Food Grade Silicone Grease**, commonly known as No-Tox 1023 Silicone Grease, is a superior silicone grease containing PTFE and is NSF H1 registered for use where incidental food contact may occur. **No-Tox Food Grade Silicone Grease** is compatible with most seal materials and is an excellent general purpose seal lubricant that can be used over a wide temperature range, -48°C to 204°C (-55°F to 400°F). **No-Tox Food Grade Silicone Grease** resists deterioration in a number of adverse chemical environments found in the “clean” industries including ammonia gases, mildly acidic or alkaline vapors and high moisture.

### *Applications*

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- ◆ Rolling and plain bearings
- ◆ Sleeve bearing, pump shaft seals and an assembly aid for rubber components
- ◆ Bushings, cams, ways, sliding surfaces and pivot points

### *Features and Benefits*

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|------------------------------|---|
| ◆ NSF H1 registered          | Use where incidental food contact may occur.  |
| ◆ Compliances                | Kosher and Pareve approved. Halal certified.  |
| ◆ Bacteriological protection | Effectively inhibits the growth of certain bacteria, yeast and mold in the lubricant. |
| ◆ Silicone base fluid        | Long life, extended lube intervals, low temperature.                                  |
| ◆ Contains PTFE              | Low friction and anti-wear properties optimizes component protection.                 |
| ◆ Inert to most materials    | Will not affect most rubber and plastic material.                                     |

### *General Description*

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**No-Tox Food Grade Silicone Grease** utilizes a silicone base fluid and PTFE. **No-Tox Food Grade Silicone Grease** is mechanically stable, waterproof and has a wide operating temperature range. **No-Tox Food Grade Silicone Grease**, formulated with the highest quality ingredients, meets NSF H1 and FDA requirements for materials that may have incidental contact with food as defined under Title 21 CFR, 178.3570. It is Kosher and Pareve approved, as well as Halal certified.

### *Product No. 301525*

**NO-TOX<sup>®</sup> FOOD GRADE SILICONE GREASE**  
**TYPICAL PROPERTIES**

<b><u>Product No.</u></b>	<b><u>301525</u></b>
<b><u>Old Product No.</u></b>	<b><u>41800</u></b>
NLGI Grade	2
Penetration, worked (60 strokes), ASTM D217 mm/10	280
Thickener Type	Silica
Viscosity (Base Fluid), ASTM D445 @ 25°C (77°F), cSt	495
Dropping Point, ASTM D2265 °C (°F)	>260 (>500)
Lubricating Solids Type	PTFE, ZnO
Lubricating Solids, weight %	30
Flash Point (Base Fluid), ASTM D92 °C (°F)	310 (590)
Pour Point (Base Fluid), ATM D97 °C (°F)	-51 (-60)
Useful Temperature Range °C (°F)	-48 to 204 (-55 to 400)
Density, ASTM D1475, @ 16°C (60°F), lb/gal	9.70
Texture	Smooth
Color	White