



PRODUCT DATA SHEET



NO-TOX[®] FOOD GRADE SILICONE VALVE SEAL LUBRICANT

No-Tox Food Grade Silicone Valve Seal Lubricant, commonly known as No-Tox Silicone Valve Seal Lubricant, is a non-melting, smooth, tacky, waterproof, grease-like silicone compound and is NSF H1 registered for use where incidental food contact may occur. **Food Grade Silicone Valve Seal Lubricant** is designed to offer lasting lubrication under a variety of adverse operating conditions. It is effective over a very broad temperature range, -40°C to 204°C (-40°F to 400°F) and is ideal for use in “clean” industries such as food, beverage, pharmaceutical and personal care products where material compatibility is a concern.

Applications

- ◆ Valves, seals, ‘O’ rings, pump seals, gaskets, meters, gages
- ◆ Release agent for rubber, plastic and metal
- ◆ Moisture barrier for battery terminals, auto ignition components
- ◆ Insulator for electrical connectors, splices and terminations

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 performance. |
| ◆ Chemically inert | Will not affect rubber, plastic or metal. Unaffected by mild acids and alkalis, alcohol, glycol. |
| ◆ Wide temperature range | Non-melting and heat stable. |

General Description

No-Tox Food Grade Silicone Valve Seal Lubricant is chemically resistant to mild acids and alkalis, mineral oils, vegetable oils, greases and most aqueous solutions. **No-Tox Food Grade Silicone Valve Seal Lubricant**, 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. 301588

NO-TOX[®] FOOD GRADE SILICONE VALVE SEAL LUBRICANT
TYPICAL PROPERTIES

<u>Product No.</u>	<u>301588</u>
<u>Old Product No.</u>	<u>64100</u>
NLGI Grade	3
Penetration, worked (60 strokes), ASTM D217 mm/10	245
Thickener Type	Silica
Base Fluid Type	Silicone Fluid
Viscosity (Base Fluid), ASTM D445 @ 25°C (77°F), cSt	1000
Dropping Point, ASTM D2265 °C (°F)	>260 (>500)
Water Washout, ASTM D1264 @ 79°C (175°F), loss, weight %	0.8
Pour Point (Base Fluid), ASTM D97 °C (°F)	-50 (-58)
Useful Temperature Range °C (°F)	-40 to 204 (-40 to 400)
Texture	Smooth
Appearance	Translucent
Color	White