

# NS-4017K-G

## Silicone Damping Lubricant

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NS-4017K-G is a PTFE enhanced high viscosity silicone based grease with excellent plastic and elastomer lubrication capabilities. Because of its high resistance to water it can be used as a moisture barrier on electrical connectors and terminals. Low volatility provides for a long service life.

### Characteristics:

- Wide operating temperature range of -40°C to 200°C
- PTFE enhanced for good lubrication for plastics and elastomers
- Moisture resistant
- Oxidation resistant
- Very low volatility
- Non-melting

### Typical Properties

|   |           |
|---|-----------|
| Color   | White     |
| NLGI grade  | 2         |
| Oil Separation, ASTM D6184-98, 24 hrs. @ 212°F, % | 0         |
| Dropping point, ASTM D2265, °F(°C)                | >500(260) |

### Typical Base Fluid Properties

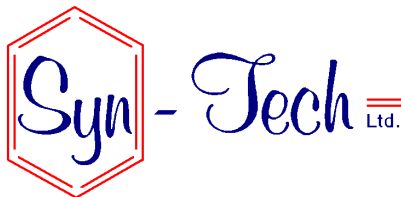
|                                      |          |
|--------------------------------------|----------|
| Base fluid                           | Silicone |
| Viscosity, ASTM D445 @ 40°C, cSt     | 45000    |
| Viscosity, ASTM D445 @ 100°C, cSt    | 19000    |
| Viscosity Index Extended, ASTM D2270 | 715      |
| Pour point, ASTM D97, °C(°F)         | -41(-42) |
| Flash point, ASTM D92, °C (°F)       | 325(617) |

### Material Compatibilities:

Compatible with most engineering plastics and elastomers. Not for use with silicone rubber. Check with material manufacturer or Syn-Tech concerning compatibility.

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