

NS-8904-G

Silicone Damping Lubricant

A high viscosity silicone fluid based, PTFE enhanced, grease formulated for applications requiring damping and noise control properties. High stability, low migration and oil separation, multi-plastics compatibility and wide operating temperature range are additional features of this product. Excellent anti-wear for plastic to plastic or metal to plastic and other lightly loaded mechanical interfaces. Applications might include automotive visor hinges and other in cabin controls, plastic bearings, plastic gears, push-pull cables and slides.

Characteristics:

- Excellent noise - squeek control
- High film strength
- Moisture and water resistant
- Wide temperature range (-40°C to 135°C)
- Non-melting with a very low migration rate
- Plastics friendly
- Very low volatility - will not fog optics

Typical Properties

| | |
|---|-----------|
| Color | White |
| NLGI grade | 1.5 |
| Penetration, ASTM D1403, worked, 60 Ds | 300 |
| Oil Separation, ASTM D6184-98, 24 hrs. @ 100°C, % | 0 |
| Dropping point, ASTM D2265, °F(°C) | >500(260) |

Typical Base Fluid Properties

| | |
|-----------------------------------|-----------|
| Base fluid | Silicone |
| Viscosity, ASTM D445 @ 40°C, cSt | 12,000 |
| Viscosity, ASTM D445 @ 100°C, cSt | 4,600 |
| Pour point, ASTM D97, °F(°C) | <-45(-49) |
| Flash point, ASTM D92, °F(°C) | >600(315) |

Material Compatibilities:

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

1/18 Rev.1

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