

NS-43500-H

Silicone Damping Lubricant

NS-43500-H is a dimethyl 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 -54°C to 205°C
- Good lubrication for plastics and elastomers
- Excellent electrical insulation
- Moisture resistant
- Oxidation resistant
- Very low volatility
- Non-melting

Typical Properties

Color	Translucent
NLGI grade	2
Penetration, ASTM D1403, worked, 60 Ds	268
Oil Separation, FTM 321.3, 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	10,000
Viscosity Index Extended, ASTM D2270	612
Pour point, ASTM D97, °F(°C)	<-50(-46)
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.

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