



Pure Silicone Fluid 10,000cSt

High Viscosity Polydimethylsiloxane Fluid (CAS # 63148-62-9)...meets VV-D-1078 "Silicone as Damping Fluid"



Pure Silicone Fluid is a high viscosity polydimethylsiloxane that meets federal spec VV-D-1078 "Silicone as Damping Fluid".

Pure Silicone Fluid 10,000cSt is a clear, colorless, odorless high viscosity 100% linear Polydimethylsiloxane Silicone (CAS # 63148-62-9). It has a viscosity of 10,000cSt (centistokes) @ 25°C.

Pure Silicone Fluid 10,000cSt is characterized by its high damping action, high resistance to oxidation, excellent lubricity, wide service temperature range, low VTC (little viscosity change at both high and low temperatures), and high resistance to shear.

PSF-10,000cSt Silicone Fluid meets Federal Specification **VV-D-1078 "Silicone as Damping Fluid"**. It is used in a wide range of military, industrial and avionic gauges, meters, instruments, and monitoring systems.

In addition, Pure Silicone Fluid 10,000cSt is inert to virtually all plastic, rubber and metal surfaces. It is widely used as a lubricant for o-rings, gaskets, valves and seals.

Uses include: High Damping Action Fluid, Dielectric Fluid, Lubricant for Rubber and plastics, O-Ring Lubricant, Valve and Gasket lubricant.

Specifications

Chemical Name	Polydimethylsiloxane
INCI Name	Dimethicone
NSN Code	9150-00-664-3829
CAS #	63148-62-9
Appearance	Clear, odorless fluid
Consistency	Honey

Properties

Appearance	Clear
Specific Gravity	0.975
Refractive Index	1.4036
Flash Point (Open Cup) °C	>326°C
Pour Point °C (°F)	-47°C
Surface Tension	21.3
Thermal Conductivity (BTU)	0.090
Dielectric Strength (volts/mil)	400

Environmental & VOC Status

Clearco Pure Silicone Fluid is exempt from Federal VOC Regulations, including California (CARB) and OTC Regulations. It does not contribute to ozone depletion and global warming. In addition, it meets the following:

- RoHS Compliant
- HAP-free
- VOC Exempt

Features

- High Viscosity
- Excellent Lubrication
- Non-Flammable
- High Resistance to Oxidation
- High Damping Action
- High Dielectric Strength
- Meets VV-D-1078 Silicone as Damping Fluid
- Meets NSN 9150-00-664-3829
- High resistance to shear
- High Water Repellency
- Chemically Inert
- Excellent Thermal Stability

Packaging

1-gallon pail.....	8lbs / 3.6kg
5-gallon pail.....	40 lbs / 18kg
55-gallon drum.....	440 lbs / 200kg

Terms F.O.B. Phila., PA

For More Information, Contact:

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