

### Pure Silicone Fluid 30,000cSt & 60,000cSt



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



Pure Silicone Fluid 30k & 60k are high viscosity polydimethylsiloxane fluids that meet federal spec VV-D-1078 "Silicone as Damping Fluid".

**Pure Silicone Fluid 30,000cSt & 60,000cSt** are clear, colorless, odorless high viscosity linear Polydimethylsiloxane Fluids (CAS # 63148-62-9). They have viscosities of 30,000cSt (centistokes) & 60,000cSt @ 25°C.

**Pure Silicone Fluid 30,000cSt & 60,000cSt** are characterized by their high damping action, high resistance to oxidation, excellent lubricity, wide service temperature range, low VTC (little viscosity change at both high and low temperatures), high dielectric strength and high resistance to shear.

**Pure Silicone Fluids 30,000cSt & 60,000cSt** meet Federal Specification **VV-D-1078 "Silicone as Damping Fluid"**. They are used in a wide range of military, industrial and avionic gauges, meters, instruments, and monitoring systems. They also meet the specification of NSN 9150-00-530-5232 & NSN 9150-00261-8326

In addition, Pure Silicone Fluid 30,000cSt & 60,000cSt are inert to virtually all plastic, rubber and metal surfaces. They are 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, Dielectric fluid, Valve and Gasket lubricant.

#### Specifications

Chemical Name	Polydimethylsiloxane
CAS #	63148-62-9
INCI Name	Dimethicone
Meets NSN Code	9150-00-530-5232 9150-00261-8326

#### Properties

Appearance	Clear, colorless fluid
Specific Gravity	0.976
Refractive Index	1.4035
Pour Point °C	-42°C
Flash Point (Open Cup) °C	315°C
V.T.C.	0.61
Surface Tension @ 25°C	21.3
Thermal Expansion cc/cc °C	0.00096
Thermal Conductivity g/cal/cm/sec °C	0.00038
Dielectric constant 50Hz	2.75
Dielectric Strength (volts/mil)	400

#### 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
- NSN 9150-00-530-5232, 9150-00261-8326
- High resistance to shear
- High Water Repellency
- Chemically Inert
- Excellent Thermal Stability

#### Pricing

1-gallon pail.....	8lb / 3.6kg
5-gallon pail.....	40lb / 18kg
4 x 5-gallon pails	
55-gallon drum.....	440lbs/ 200kg
Terms F.O.B. Phila., PA	

#### 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

#### For More Information, Contact:

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