



# CHEMZ Silicone 1000

Part No. 7314 (400ml)

## Viscous insulating & lubricating spray

- High quality electrical value silicone
- Dielectric strength 16 kV/mm
- Wide temperature range -50°C to +200°C
- Water repellent and moisture buffer



**CHEMZ Silicone 1000** is a high quality electrical insulating compound with excellent water and moisture resistant properties

**CHEMZ Silicone 1000** has excellent dielectric characteristics with a breakdown voltage of 16 kV/mm

**CHEMZ Silicone 1000** is a viscous oil and is stable in a wide range of temperatures

**CHEMZ Silicone 1000** has a low surface tension which allows better coverage, deeper penetration, providing a non-hardening lubricant which minimises corrosion

**CHEMZ Silicone 1000** is non-toxic and harmless to most metals, rubber and plastics

### Technical Data

Appearance	Clear, colourless liquid
Type of Film	Viscous glossy film
Solubility	Not soluble in water, resists washout
Specific Gravity	0.87
Viscosity, cS at 20°C	1000
Temperature Range, °C	-50 to +200
Flashpoint, °C (Residual Film)	315
Dielectric Strength, kV/mm	16
Dielectric Constant at 25°C (0.5 - 100 kHz)	2.8
Specific Resistance at 25°C, Ohm/cm	1 x 10 <sup>15</sup>
Thermal Conductivity, W/m-K	0.16
Propellant	Hydrocarbon

MPI Approved C22 (All animal products except dairy)