

Technical Data Sheet

CHEMZ Silicone 1000

CMZ7314 (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
Information:

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	1×10^{15}
Thermal Conductivity, W/m-K	0.16
Propellant	Hydrocarbon

MPI Approved C22 (All animal products except dairy)