

RheoGel 1001

RheoGel 1001 is synthetic hydrocarbon grease specially formulated for the lubrication of non-noble metal electrical connectors. This grease contains oxidation inhibitors to promote long life and ultraviolet dye for post application detection. RheoGel 1001 is compatible with most plastics and elastomers and has low volatility.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-40 to 125
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Inorganic
Color		Water White to Amber
Appearance		Smooth
NLGI Grade		2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	250 min.
	Worked	60X 265-295
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.
Oil Separation (ASTM D6184)	24h at 100°C	5% max.
Evaporation (CTM-1)	24h at 100°C	1% max.
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C	1%
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b max.
Specific Gravity (CTM-2)	25°C	0.89
Oxidation Stability (ASTM D942 / DIN 51808)	168h at 100°C	17 kPa

*The values stated in this Product Data Sheet are Typical Values and **must not** be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.