

CHRISTO-LUBE® MCG 133

CHRISTO-LUBE® MCG 133 is a fully fluorinated grease thickened with PTFE and fortified with corrosion inhibitors, which operates under extreme temperature conditions, has outstanding stability with oxygen and excellent compatibility with metals, plastics and elastomers. This NLGI Grade #2 fluorinated grease is especially useful in lubricating bearings, gears and actuators typically found in the semiconductor industry. CHRISTOLUBE® MCG 133 is clean room compatible and performs exceptionally well under extreme vacuum conditions.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		PFPE
Temperature Service Range (°C)		-20 to 260
Flash Point (°C) (ASTM D92)		None
Vapor Pressure (torr) (Knudson)	20°C	1 x 10 ⁻¹¹
	100°C	1 x 10 ⁻⁷
	200°C	1 x 10 ⁻⁴
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		PTFE
Color		White
Appearance		Smooth
NLGI Grade		2
Penetration (ASTM D217)	Unworked	265-295
	Worked	60X 265-295
Oil Separation (ASTM D6184)	24h at 149°C	10% max.
Evaporation (CTM-1)	24h at 149°C	3% max.
Specific Gravity (CTM-2)	25°C	1.99

*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.