

FLUOROCARBON GEL 813S-1

A very soft, PTFE thickened, medium viscosity chlorophenyl silicone grease for potentiometers, electrical contacts and precision instruments exposed to extreme temperatures. Benefits include excellent thermooxidative stability, unusually low volatility

Lubricant Properties		Typical Value	Test Method	
Recommended Service Range (°C)		-70 to 200		
Thickener		PTFE		
Base Oil	Type	Chlorophenylmethyl Silicone		
(Nysil M25)	Kinematic Viscosity	100°C	19 cSt	ASTM D-445
		40°C	53 cSt	ASTM D-445
	Viscosity Index		373	ASTM D-2270
	Flash Point	°C	314.0000	ASTM D-92
	Pour Point	°C	-73	ASTM D-97
Typical Properties of the Grease		Typical Value	Test Method	
Color, Appearance		White		
Penetration (1/10 mm)	Unworked	376	ASTM D-217	
	Worked	60	381	ASTM D-217
	NLGI Grade		0	ASTM D-217
Density		1.2 g/cm ³		
Oil Separation	24 hour(s)	100°C	7.1 %	ASTM D-6184
Evaporation	24 hour(s)	100°C	0.1 %	ASTM D-972

The typical properties shown on this product data sheet should not be used as a basis for preparing specifications. Refer to our product MSDS for detailed safety information because this product. (1203)