

GREASIL MS4

SILICONE COMPOUND GREASIL

MS 4 is a lubricant Silicone Grease, based on Polydimethylsiloxane.

Characteristics

Appearance:	white translucent paste
Colour:	Colourless-lightly gray
Base:	Silicone fluid medium viscosity
Application temperature:	- 55 +220° C
Melting point:	> 250° C
Static Penetration:	210 ÷ 260
Dynamic Penetration:	max 320
Evaporation loss:	<2% after 24 hours at 200° C
Oil separation:	<4% after 24 hours at 200° C
Thermic conductivity:	$1,5 * 10^{-3}$ cal /cm *s ° C (0, 21 W/m*K)
Dielectric rigidity:	20 Kv/mm
Dielectric Constant:	2,6 to 1kHz
Dissipation Factor	0,0006 to 1Hz
Specific Resistance	< $1*10^6$ (13) Ohm*cm
Arc Resistance	120sec.
Flash point:	> 310° C
Metal corrosion:	none
Change on rubber volume:	±1% after 200 hours at 70° C
Dilution:	hydrocarbon-chloride-tuluol



Application

Mechanical, rubber, plastic-material industry.

Electronics, electro-technic, chemistry laboratory.

Compound Greasil MS4 is composed by silicone fluid MS that keeps stable characteristics in a wide temperature range, thanks to chemistry inertia properties, oxidation stability and to low viscosity coefficient.

Compound Greasil MS4 can be used where the conventional products oxidize, sharpen, evaporate, change viscosity, degrade in aggressive chemical environment and at high or low temperature.

Description

Lubrication of delicate and accuracy equipments (interrupters, counters, battery clips, isolators) that are subjected to high or low temperature.

Protective dielectric of electrical-electronic systems, battery terminals, lamp headers and valves. Good resistance to oxidation, to corrosion and to moisture.

Sealing for cables and electrical ties.

Protective lubricant for gaskets, rubber bellows and leather membranes.

Antiadhesive for heat seal equipments-lubricant for threading dies in extrusion of thermoplastic materials.

Lubrication of joints and valves that are subjecting to high temperature, acids, alkali and to high vacuum.

Water repellent, lubricant, sealing for pumps and dived engines.

This Compound, that is named COMPOUND, SOFT FILM (MIL-C-21567Nord), can be used in the Armed Forces.

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Instructions for use

Clean carefully and remove any possible non silicone compound.

Compound Greasil MS4 can be applied with spreading, painting or spraying (diluted in solvent), grease cup ecc. depend on specific use.

Storage and manipulation

Greasil MS 4 is not sensitive to frost. Stored in well-closed original containers at a temperature between 0 and 35°C, the product has duration of at least 5 years from the production date. For more information, please consult Safety Data Sheet or contact our Technical Department.

Packaging

Cod 30170/10 tubes net weight 10gr (560 pz for box)

Cod 30180/25 tubes net weight 25 gr (125pz for box)

Cod 30180/15 tubes net weight 150 gr (20pz for box)

Cod 30170/01 pots net weight 1 Kg (12pz for box)

Cod 30170/05 pots net weight 5 Kg.

Cod 30170/25 pots net weight 20 kg

Head office and Production

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Production since 1957

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