

# MOLYDUVAL

## Siligra SS 2 T



### Safety Silicone Grease with PTFE

A universal useful transparent sealing and lubrication grease with excellent isolating ability, wide temperature range, and outstanding water and humidity resistance.

Suitable as lubricant and for sealing of valves, seals, slow running bearings and many parts made from plastic or rubber. The solid lubricants PTFE increases lubrication performance. May be used for lubrication of plastics, rubber, and elastomers in metal contacts. Also used in moulding of plastics as a separating agent.

#### Properties

- \* high temperature resistance
- \* water refusing
- \* relative good compatible with many usually used sealants
- \* food grade - all components conform to USDA H1 or FDA regulations for Lubricants in incidental food contact
- \* relative good compatibility with EPDM
- \* no resin forming
- \* thixotrope
- \* excellent dielectric properties
- \* steam resistant
- \* PTFE solid lubricant share offering additional friction reducing
- \* withstands weak acids and alkaline solutions
- \* withstands many alcohols and acids
- \* good resistant against washing off
- \* good resistant against cold and hot water, even sea water

#### Applications

- \* for heavy dutied slide surfaces at textile, packing, and plastics machineries
- \* for fittings, for example cocks and plugs
- \* for lubrication of rubber/rubber, rubber/glass, plastic/plastic, plastic/rubber
- \* for anti-friction and sleeve bearings with plastic parts, f..e. for seat movement in automotive
- \* as sealing material
- \* as release agent for moulds
- \* as release agent in welding
- \* as release agent for plastic and rubber molds, foams, and latex
- \* as sliding agent to plastics, in printing or textile industry
- \* as sliding agent for fibres, for increasing sliding properties of sew fibres, reduces danger of wresting
- \* as lubricant for rubber, latex, and plastics
- \* for plastic bearings and gears in sanitary
- \* for plastic cams

For further information, please see our website <https://www.solano-industries.com/en/>

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence.

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### Technical Datas

Color		white
Consistency Class NLGI	0,1 mm	ca. 2
Name		MF2-40
Base Fluid		Silicon
Thickener		Gel, PTFE
Name		ISO-L-XDGIA2
Density 15°C	kg/m <sup>3</sup>	1050
Viscosity Base Fluid, 40°C	mm <sup>2</sup> /s	1000
Temperature Range	°C	-40 -> +220
Dropping Point	°C	--
Content PTFE	%	5

*The indicated service temperatures are guide values depending on the lubricants composition and on the application. They may vary in case of special influences or ongoing use.*

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