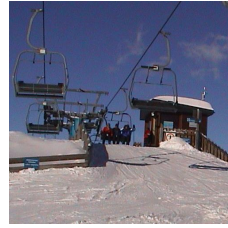


MOLYDUVAL

Siligra SS 3 HV



Safety Silicone Grease

A versatile, highly adhesive, almost transparent silicone grease with excellent insulating properties, a wide temperature range and outstanding water resistance. It is suitable for lubricating seals, elastomers, rubber and plastic parts, including plastic-to-metal contact. It is used in molding for difficult separation problems where high temperature resistance and chemical stability are required.

Characteristics

- high temperature resistance
- chemically inert
- chemically inert to most materials like plastic and rubber
- excellent tackiness
- relative good compatible with many usually used sealants
- Food grade, conforms to the NSF H1 regulations for use in Food Industry
- relative good compatibility with EPDM
- no resin forming
- thixotrope
- excellent dielectric properties
- withstands weak acids and alkaline solutions
- withstands many alcohols and acids
- good resistant against cold and hot water, even sea water

Applications

- for heavy dutied slide surfaces at textile, packing, and plastics machineries
- as sealing material
- as release agent for moulds
- 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 preparation of electric isolators. Reduces danger of short circuits in case of humidity.

Technical Datas

| | | |
|----------------------------|--------------------|--------------|
| Color | | white |
| Base Fluid | | Silicon |
| Thickener | | gel |
| Name | | ISO-L-XDGIA3 |
| Name | | M3T-40 |
| Consistency Class NLGI | | 2-4 |
| Viscosity Base Fluid, 40°C | mm ² /s | 3200 |
| Density 15°C | kg/m ³ | 1030 |
| Temperature Range | °C | -40 -> +220 |
| Dropping Point | °C | no |

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.

For further information, please see our website www.molyduval.com or consult your local representative.

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. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 15.07.2024