

**Silicone Valve and Packing Grease
ISOL SL 111**

COMPOSITION

ISOL SL 111, is silicone based grease contains solid lubricants.

FEATURES

ISOL SL 111 is non-toxic, non-oxidizing, water resistant and chemically inert grease. It exhibits excellent high and low temperature resistance and do not solidify or melt at extreme temperatures. It does not carbonize after decomposing at high temperature and also demonstrate excellent resistance to extreme weather conditions, chemicals such as mild acids and alkalis, alcohol etc.

TYPICAL SPECIFICATIONS

Parameters	ISOL SL 111
Colour	Translucent
Consistency	Hard & tacky
Serviceable Temperature, °C	-40 to 240
Drop Point, °C	None
Dielectric Strength, kv/mm	> 10
Vol. Resistivity, 27 °C.	10 ¹⁴
Thermal Conductivity, K factor, cal/cm/°C/sec ² /cm	Not tested

APPLICATIONS

It is commonly used to lubricate glass stop cock, industrial valves, water taps, plastic and rubber components in automotive, household, electronics, scientific and laboratory equipment etc. They works as a seal cum lubricant on rubber o- rings and gaskets used in vacuum pumps, air filters, piston and cylinder assemblies etc. They also keep rubber articles soft and flexible during storage and use.

Being non toxic they are used in the food, beverage, hospital, pharma and cosmetic industry to lubricate equipment, components, conveying systems and as an anti seize on threaded connections, where incidental food or human contact is unavoidable.

SHELF LIFE

ISOL SL 111 does not exhibit any significant changes in properties if stored properly in original packs for over two years. Slight hardening is considered normal and is reversible by agitation. However, warranty claims, in case of manufacturing defects is limited to one year from date of manufacturing.

The information herein is believed to be reliable, but it is the user's responsibility to determine suitability of use, since we cannot know conditions of use. We make no warranties and assume no liability concerning use of the information. Nothing herein should be taken as inducement to infringe any patent.