

Technical Data Sheet
CRAMOLIN SILICONE
(Silicon oil)
Art-No. 112

Appearance:	clear, colourless liquid
Viscosity at 25° C: [mm ² /s]	1000
Density at 25° C: [g/cm ³]	0,970
Pourpoint: [° C]	- 50
Temperature resistance: [° C]	-50 - +200
Vapour pressure bei 200° C: [mbar]	$1,33 \cdot 10^{-2}$
Thermal conductivity: [W/K m]	0,16
Dielectric strength at 20° C: [kV/mm]	12
Dielectric constant at 25° C: (0,5 - 100 kHz)	2,8
Specific resistance at 25° C: [Ω cm]	$1 \cdot 10^{15}$

Allgemeines

SILICONE contains a high-quality, thin insulating silicone oil with a breakdown voltage of 12 kV/mm. It forms an inert, clear film which does not dry up, is waterrepellent and therefore is

an excellent water and moisture buffer. **SILICONE** is also a good universal lubricant for plastics and rubber and is stable within a wide temperature range from -50° C up to +200° C. Furthermore it is non-toxic, non-staining and does not attack any engineering material.

Application

To avoid spark discharge in high voltage transformers, on tube bases, etc. **SILICONE** eliminates reliably the creepage currents and corona effects, prevents shortcuts and insulates. It prevents sticking and is an excellent separating, mould release and wire pulling agent. The thin invisible film lubricates plastic bearings, drives, gear and rubber.

Directions

Spray **SILICONE** on the whole surface area of the parts to be treated. For accurate work use the attached extension tube.

Warning

Do not use **SILICONE on components under voltage. Prior to switching on the appliances, allow solvents to evaporate.**

Note: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, CRAMOLIN makes no representation as to the completeness or accuracy thereof. Information is supplied upon the conditions that the persons receiving the same will make their own as to its safety and suitability for their purpose prior to use. In no event will CRAMOLIN be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

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