

SILICONE OIL

Spanjaard Silicone Oils are water clear polydimethyl-siloxane fluids that are inert, non-toxic, odourless and have excellent water repellency and low surface tensions.

APPLICATIONS

Spanjaard Silicone Oils are recommended for use in a wide variety of industrial applications and processes: including:

As a mould release agent for rubber, plastics and metal die-castings.

Spanjaard Silicone Oils are excellent lubricants and will not degrade rubber or plastics (do not use with silicone rubbers)

Spanjaard Silicone Oils are chemically and thermally stable and make excellent hydraulic damping fluids.

The excellent dielectric properties of **Spanjaard Silicone Oils** allow them to be used in electrical insulating and damping applications.

In the print shop the uses of **Spanjaard Silicone Oils** are numerous. The most common applications are for prevention of prevent set off, elimination of static adhesion and to avoid smudging.

Spanjaard Silicone Oils also prevent weld spatter adhesion.

Spanjaard Silicone Oils are approved for use in the Food Industry, as they are non-toxic, odourless and colourless. They lubricate and prevent sticking of surfaces. (US FDA regulations allow 10 ppm maximum food contact).

APPLICATION INSTRUCTIONS

Spanjaard Silicone Oils can be applied by brush, drip or spray.

TYPICAL PROPERTIES

	500cSt*	1000cSt*
Viscosity (25°C) mm ² /s	500	1000
Density (25°C) g/cm ³	0.970	0.970
Flash Point °C	>300	>300
Pour Point °C	-50	-50
Thermal Conductivity W/m°C	0.16	0.16
Dielectric Const, 25°C/100hz	2.80	2.80
Refractive Index (25°C)	1.4033	1.4035
Surface Tension (25°C) mN/m	21.1	21.1
Operating Temperature °C	-40 to 200	

*Other viscosity grades available on request



HANDLING AND STORAGE

Store under cover with lid closed. See also Safety Data Sheet.

PACKAGING

5 litre, 20 litre, 200kg.

CP/mb/ Silicone Oil – June 2016

Certified as an
ISO 9001 Manufacturer
by the SABS

Manufacturers & Distributors of
Special Lubricants & Allied Chemical
Products

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