

SILBIONE FLD 70047V12 500, V30 000, V300000

Description SILBIONE FLD 70047V12 500 to V300 000 are linear POLYDIMETHYLSILOXANES. Refer to the regulatory attestation for the conformance to any regulated applications.

Examples of applications

- Food contact.
- Raw materials for Medical Devices.
- Pharmacy.

Silicone oils used as lubricants (**SILBIONE FLD V12 500** and **V30 000**)

Warning: It is the sole responsibility of the user to select the product in the ELKEM SILICONES range that meets any requirements for their applications.

Key benefits

- Chemically inert.
- Heat-resistant.
- Resistant to ageing by atmospheric agents (oxygen, ozone, water, light).
- Low surface tension.
- Non-toxic.
- Good cutaneous tolerance.

Typical properties	Properties	70047 V 12 500	70047 V 30 000	70047 V 300 000
	Odor	Nil	Nil	Nil
	Color Hazen	< 30	< 30	< 30
	Viscosity (at 25 °C, mm ² /s)	nominal value ± 10%	nominal value ± 10%	nominal value ± 10%
	Volatile content (2 h at 150 °C, %)	< 1	< 1	< 1

An analysis sheet is available on request

	Specific gravity (at 25 °C, approx.)	0.973	0.976	0.977
	Refractive index (at 25 °C, approx.)	1,4035	1,4035	1,4035
	Surface tension (at 25 °C, nN/m, approx.)	21.3	21.5	21.5
	Pour point (°C, approx.)	- 50	- 45	- 40
	Flash point (open cup, °C)	> 300	> 300	> 300

Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.

Instruction of use Please consult your local ELKEM SILICONES sales office.

Regulation Extensive toxicology testing on SILBIONE® products has demonstrated their adequate biocompatibility and suitability for the recommended applications. SILBIONE FLD 70047V12 500, SILBIONE FLD 70047V30 000 and SILBIONE FLD 70047V300 000 satisfies regulatory requirement in several countries and complies with a number of medical and pharmaceutical regulations. Contact Elkem Silicones for more detailed information.

Limitations Please consult your local ELKEM SILICONES sales office.

Packaging

- SILBIONE FLD 70047V12 500 is available in
 - Drum of 200 KG (441 LB)
 - Drum of 25 KG (55.13 LB)

SILBIONE FLD 70047V12 500, V30 000, V300000

- SILBIONE FLD 70047V30 000 is available in
 - Pail of 25 KG (55.13 LB)
 - Drum of 200 KG (441 LB)
- SILBIONE FLD 70047V300 000 is available in
 - Drum of 200 KG (441 LB)

Storage and shelf life

When stored in its original packaging:

SILBIONE FLD 70047V12 500 may be stored at temperatures between -20°C / -4°F and 50°C / 122°F for up to 36 months from its date of manufacturing.

SILBIONE FLD 70047V30 000 may be stored at temperatures between -20°C / -4°F and 50°C / 122°F for up to 36 months from its date of manufacturing.

SILBIONE FLD 70047V300 000 may be stored at temperatures between -20°C / -4°F and 50°C / 122°F for up to 36 months from its date of manufacturing.

Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.

Safety

Please consult the Safety Data Sheet of:

SILBIONE FLD 70047V12 500, SILBIONE FLD 70047V30 000 and SILBIONE FLD 70047V300 000

Visit our website www.elkem.com/silicones/

Warning to the users

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELKEM SILICONES guarantees that its products comply with its sales specifications. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for given use. Determination of the suitability of product for the uses and applications contemplated by users and others shall be the sole responsibility of users. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELKEM SILICONES is at their disposal to supply any additional information.