

RENOLIT SI 708

(VP 760-00-03)

Description

RENOLIT SI 708 is a silicone grease based on inorganic thickener. It is water repellent, aging resistant and has good electrical properties, i.e. insulating properties and dielectric strength, as well as good adhesion to metals and ceramic materials.

Application

RENOLIT SI 708 is used as elastomer assembly aid and lubricant for applications involving movement of elastomers or plastics against metals.

Benefits / Advantages

- Good aging resistance
- Excellent corrosion protection
- Good adhesiveness
- Good water resistance
- Good insulating properties

Shelf Life

The minimum shelf life is 36 months if the product is properly stored between 0°C and 40°C in its unopened original container in a dry place. The indication of a minimum shelf life does not include any guarantee of durability.

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Characteristics:

Properties	Unit	Data	Test method
Colour	-	Colourless, transparent	-
Thickener	-	Highly disperse silicic acid	-
Base oil	-	Silicone oil	-
Dropping point	°C	None	IP 396
Penetration unworked	0.1 mm	220 - 270	DIN ISO 2137
Water resistance	eval.-stage	1 - 90	DIN 51 807
Oil separation at 30h/200°C	%	≤ 2.5	FED-STD 791 M 321
Base oil viscosity at 40°C at 100°C	mm²/s	750 310	DIN 51 562-1
Volatiles at 30h/200°C	%	≤ 2.8	FED-STD 791 M 321
Dielectric strength	kV/mm	19	DIN 53481
Dielectric constant (50Hz)	εr	3,8	IEC 60250
Dissipation (50Hz)	-	≤ 0.0003	IEC 60250
Temperature range	°C	-40 up to +200	-