

LUBRICANTS AND SEALING MATERIALS

Vacuum Feedthroughs



HIGH TEMPERATURE LUBRICANT

- ◆ Prevents seizing of stainless steel screw connections at atmosphere even at high temperatures
- ◆ Remains fully effective for at least 10 bakeout cycles

SELECTION DATA

Temperature resistance	1000 °C
In packages of	28 g

ORDERING INFORMATION

Type	C 100
Part No.	214-231

SEALING MATERIAL

- ◆ For sealing small leaks

SELECTION DATA

Temperature resistance	°C	-40 - 200	350
Version		Paste	Spray
In packages of	g	200	170

ORDERING INFORMATION

Type	Rhososil 340	Sprayseal
Part No.	214-233	214-234

VACUUM GREASE/OIL

- ◆ For sliding elastomer seals
- ◆ Low vapor pressure
- ◆ Good adhesiveness

SELECTION DATA

Temperature resistance	°C	10 - 30	-40 - 200	-20 - 200	-60 - 300	-60 - 300
Vapor pressure at						
20 °C	mbar	<10 ⁻⁸	<5 x 10 ⁻⁷	< 10 ⁻¹²	< 10 ⁻¹²	< 10 ⁻¹²
100 °C	mbar		<7 x 10 ⁻⁶	< 10 ⁻⁷	< 10 ⁻⁷	< 10 ⁻⁷
In packages of		25 g	50 g	10 g	30 g	10 ml
Material		mineral grease	silicon grease	fluorinated grease	fluorinated grease with MoS ₂	fluorinated oil

ORDERING INFORMATION

Type	Apezon M	Dow Corning	FU 090	FM 090	OL 090
Part No.	214-236	214-237	214-238	214-239	214-240

CHARACTERISTICS

Lubricity	very good	good	good	good/very good	good
Resistance to					
Oxidation		very good	very good	very good	very good
Chemicals		good	very good	very good	very good
Thermal decomposition		very good	good	good	good



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