

# GREASE-PLUS SIL 3

GREASES

324907101

**DYADE**  
LUBRICANTS



## INORGANIC SOAP THICKENED SILICONE GREASE

This specialized silicone grease is designed for use in high and low-temperature environments, ranging from -50°C to 200°C. It exhibits outstanding water and steam resistance, as well as impressive resistance to oxidation. Additionally, this non-toxic product is suitable for use in the lubrication of food machinery. However, it should be noted that, similar to other silicone-based greases, this product is not recommended for lubricating bearings. This product is commonly utilized for electrical insulation and the protection of insulators and electrical equipment, such as housing, connectors, and ignition circuits, against moisture (thanks to its water-repellent properties) and as a repellent for conductive dust. Additionally, it is effective as an anti-adherence and mold release agent for plastics, rubbers, and foundry processes. It can also be used to prevent seizing in threaded parts, slides, and guide-bars, and as a lubricant and sealant for taps in the food industry.

## CATEGORY

- Greases

## BENEFITS

- Good lubricating capacity
- Superior resistance to both cold and hot water and chemical agents
- Wide range of service temperatures
- Excellent compatibility with rubbers and elastomers (except silicone rubbers)

PROPERTY	METHOD	VALUE
Colour		Translucent white
Base oil		Methyl polysiloxane
Thickener		Inorganic
Base oil viscosity @ 25 °C, mm <sup>2</sup> /s		5000
Base oil viscosity @ 40 °C, mm <sup>2</sup> /s		700
Penetration, mm/10		205-220
Density @ 25 °C, kg/dm <sup>3</sup>		1
Dropping point, °C		300
NLGI class		3/4
Electrical strength, KV/mm		12
Water resistance, 3 hrs/90 °C		0
Copper corrosion 24h @ 100 °C		1b
Evaporation weight loss, 22h/100 °C, %		0.50
Service temperature, °C		-50 - 180

All data on this technical data sheet is indicative only

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DYADE LUBRICANTS B.V.  
TYPOGRAAF 16 | 6921 VB DUIVEN  
THE NETHERLANDS

0031 (0) 316 745 745  
INFO@DYADEGLOBAL.COM  
WWW.DYADEGLOBAL.COM