



AMBERGREASE SIL PURE SILICONE GREASE

Formerly Greasil 4000 (100ml)

Formerly GR220 (1ltr)



AMBERGREASE SIL is a high quality, pure silicone grease which is water repellent and non-melting. As an anti-tracking, anti-arcing coating, it will protect electrical systems. It can also be used as a multipurpose lubricating agent. It has many uses in electrical and chemical industries.

BENEFITS

- Water repellent
- Insoluble in water, alcohol, diluted acids and alkalis
- Excellent dielectric resistance
- Excellent temperature stability/range: -40 to +200°C (220°C intermittently)
- No effects on rubber, plastic and metals
- Withstands marine environments
- Non-melting coating prevents moisture ingress
- Taste free, odourless and non-toxic

TYPICAL USES

ELECTRICAL SERVICING

- Anti-tracking, anti-corona discharge coating
- Waterproofing all types of electric systems
- Protection of switch gear, distributors
- Easing cables into conduits

LUBRICATION OF

- Instruments subjected to high or low temperatures
- Centrifuge and autoclave lid seals
- Cold room trolley castors
- Conditioning devices
- Conveyor chains
- Glass and ceramic stop-cocks and glands

O-RING AND RUBBER SEAL ASSEMBLY

- Pneumatic, automotive and compressed air systems
- Plastic plumbing systems

MOULDING

- Shell moulding - for the pre-treatment of pattern plates
- Ingot moulding for brass, aluminium and silver

TYPICAL INDUSTRIES

- Automotive
- Civil engineering
- Dock yards
- Offshore
- Mechanical engineering
- Mining
- Agricultural machinery
- Workshops
- Iron and steel
- Heavy engineering

TECHNICAL DATA

Physical appearance:	Smooth, translucent grease
Colour:	Colourless
Odour:	Odourless
Grade (NLGI):	2
Penetration (unworked):	200 - 260 mm/10
Penetration (worked):	280 maximum
Dielectric strength (IEC 243-1):	15.4 kV/mm
Volume resistivity (IEC3):	1.4×10^{15} ohm.mm
Dielectric loss:	0.0018 at 1 kHz
TEC250:	0.0022 at 1 MHz
Resistance to corrosion: EMCOR (IP220)	0:0
Water washout @38°C: (ASTM D 1264)	2% maximum
Operating temperature range:	-40 to +200°C (220°C intermittently)
Flash point:	>300°C

COMPOSITION

Silicone oils, silicone dioxide gel and inorganic soap.

APPLICATION METHOD

Apply straight from container and spread to cover required area. Can be applied by brush if desired.

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 36 months with correct storage.

HEALTH AND SAFETY

Health and Safety sheet available separately.

TECHNICAL SERVICE

CRC Industries UK Ltd provides a technical support service and maintains a constant programme of research and development. We are able to assist customers by specific product development to meet particular requirements.

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

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