

technical data sheet

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Description

Greasil 4000 is a UK Water Regulations Advisory Scheme (WRAS) approved water repellent non-melting silicone grease lubricant.

Applications

Greasil 4000 is WRAS approved for the lubrication of plastic and polythene potable water pipes and other fluid pipework during assembly. It facilitates easier fabrication of "push fit" pipework and lubricates and protects each fitting's "O" ring during the process. Greasil 4000 acts as a water proof and/or air tight seal on the joint face for the duration of the fittings operating life.

Greasil 4000 is also a suitable lubricant for "O" rings and seals in pneumatic and compressed air system. In addition, Greasil 4000 is used in the automotive industry to insulate and/or waterproof electronic components and assemblies. It also used as anti-tracking and anti-corona discharge coating. Greasil 4000 provides effective protection for porous metallic or ceramic coated metals exposed to seawater spray and rain and works as a lubricant for instruments subject temperature extremes, centrifuges and autoclave lid seals, cold room trolley casters, glass and ceramic stopcocks and glands.

Product Features

Greasil 4000 is listed in the UK Water Regulations Advisory Scheme under Approval No. 2009520 as being WRAS Approved for use as a pipe joint lubricant in potable water systems up to 85°C.

Greasil 4000 has a dielectric strength of around 15kv/mm and remains effective between minus 50°C and 230°C (280°C in oxygen free environments). It has no effect on plastics, rubbers or metals and remains essentially unaltered in daylight and UV light. Greasil 4000 is tasteless, odourless and non-toxic and is an environmentally friendly product.

Method of Use

Greasil 4000 is most effectively applied as a thin layer directly to "O" rings, seals and other components with a soft clean brush.

Product Safety

A Safety Data Sheet compliant with EU 2015/830 is available for Greasil 4000 on request. It contains any safe handling guidelines that may be relevant to this product.

Storage, Shelf Life & Packaging

Greasil 4000 has a shelf life of 36 months when stored in original and unopened containers between 5°C and 30°C. It is available in 100g, 125g, 1kg, 5kg, 25kg and 200kg packs.

When decanting Greasil 4000 from its original container into smaller ones using a mechanical drum press, care must be taken not to apply excessive pressure as this may over-shear the material and cause it to separate.

Approvals

- Water Regulations Advisory Scheme (Approval No. 2009520, September 2020 to September 2025)



Typical Properties

- Appearance: Grey translucent paste
- Unworked Penetration: 230 – 260

Please note; these are typical properties only and should NOT be construed or used as a specification for this product.

(OPM3/D3)

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This product is manufactured in a facility whose Quality Management System is certified as being in conformity with ISO 9001:2015 by Intertek Certification Ltd.



This product is manufactured in a facility which operates in line with the Chemical Business Association's Responsible Care program.

Technical Support Contact Details

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