

technical data sheet

PennWhite Ltd, Aston Way, Midpoint 18 Business Park, Middlewich, Cheshire, CW10 0HS

Description

Greasil 4000 WPX is a stiff water repellent non-melting silicone grease lubricant.

Applications

Greasil 4000 WPX is formulated for use in a variety of applications where specialist lubrication or protection is required. It is primarily used to facilitate easier fabrication of plastic and polythene "push fit" pipework. Greasil 4000 WPX lubricates and protects each fitting's "O" ring during assembly of the pipework and acts as a water proof and/or air tight seal on the joint face for the duration of the fittings operating life.

Greasil 4000 WPX is also a suitable lubricant for "O" rings and seals in pneumatic and compressed air systems. In addition Greasil 4000 WPX 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 WPX 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 WPX 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 WPX is tasteless, odourless and non-toxic and is an environmentally friendly product.

Method of Use

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

Toxicity & Handling

Greasil 4000 WPX is not classed as hazardous under current CLP regulations. Full details are available in the applicable Safety Data Sheet.

Storage, Shelf Life & Packaging

Greasil 4000 WPX 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 WPX 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.

Typical Properties

- Appearance: Grey translucent paste
- Unworked Penetration: 230 – 260
- Worked Penetration: 220 - 310

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.



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

Technical Support Contact Details

Telephone: +44 (0)1606 734820

Fax: +44 (0)1606 837867

Email: info@pennwhite.co.uk

Website: www.pennwhite.co.uk