

PROLAN
PROTECTIVE LANOLIN

From nature, to protect nature...

Prolan specializes in the development and production of lanolin-based formulations, corrosion inhibitors, and anti-seize lubricants. **The main ingredient in Prolan products is lanolin (natural wool wax), which makes them environmentally friendly and sustainable.** Lanolin is derived from sheep's wool, primarily sourced from regions such as New Zealand, where sheep farming is widespread. The extraction process involves separating the oil from raw wool using hot water and then purifying it to obtain a product of the appropriate purity.

Prolan products provide effective and innovative industrial protection that has gained recognition across various industries due to their exceptional properties. Thanks to their unique formulation, **Prolan ensures long-lasting protection of metal surfaces, increasing their durability and performance.** At the same time, the products support sustainable development by minimizing their impact on the environment.



Natural protection based on lanolin, sourced **with respect** for animals and the environment...



170

Medium 170

Universal and effective penetrator

Prolan Medium is a service-oriented product that combines a **full range of anti-corrosion properties with exceptionally strong penetrating performance.** It helps loosen even the most seized bolts and nuts while providing basic corrosion protection.

Examples of Prolan Medium 170 applications:

- for general use at home or in professional applications,
- for loosening bolts and other fastening elements,
- for cleaning surfaces, equipment, and machinery while providing basic corrosion protection and hydrophobic properties,
- for lubricating hinges, locks, cables, guides, mechanisms, slow-moving bearings, and other moving parts,
- for removing glue, stickers, tar, soot, and oil residues.

Available sizes of **Medium 170**: Aerosol 0,5 L, 1 L, 10 L, 200 L



Technical Data Sheet
Medium 170



300

Heavy Enduro 300

Durable and high-performance maintenance solution

Provides effective corrosion protection under conditions corresponding to **C4 corrosivity class.** Heavy Enduro 300 not only offers reliable anti-corrosion protection but also lubricates and shields surfaces exposed to external factors.

Examples of Prolan Enduro 300 applications:

- for cleaning and maintaining metals, giving a deep shine,
- for protecting and cleaning various types of plastics,
- imparts hydrophobic (water-repellent) properties to wood,
- for agricultural and garden equipment, preventing the build-up of sap, plant residues, grass, and resin,
- for cleaning and protecting leather, maintaining convertible roofs, hoses, closed profiles, and vehicle chassis.

Available sizes of **Enduro 300**: Aerosol 0,5 L, 1 L, 10 L, 200 L



Technical Data Sheet
Enduro 300



270

Heavy 270

Reliable and heavy-duty maintenance solution

Effective in demanding operating conditions, including high humidity, salinity, elevated temperatures, and aggressive industrial environments. It meets C4 corrosivity class requirements, ensuring reliable surface protection.

Examples of Prolan Heavy 270 applications:

- for equipment and components exposed to increased levels of corrosion,
- for protecting electrical plugs and connections,
- for the preservation of equipment, accessories, and components exposed to salts and acids (ships, fishing vessels, boats, construction and agricultural machinery, forklifts, production machines, and trailers),
- suitable for all types of chains and steel cables, extending their service life while preventing corrosion and contamination.

Available sizes of **Heavy 270**: Aerosol 0,5 L, 1 L, 10 L, 200 L



Technical Data Sheet
Heavy 270

350



Technical Data Sheet
Extreme 350

Extreme 350

Provides maximum surface protection

Prolan Extreme 350 is the most powerful product in the Prolan range, delivering maximum anti-corrosion protection. It is specially designed for applications in the renewable energy sector, including the protection of wind turbines and offshore equipment.

Examples of Prolan Extreme 350 applications:

- for environments with extreme corrosivity (coastal and marine),
- for preserving equipment chassis exposed to severe corrosion, including trucks, construction machinery, agricultural and off-road vehicles,
- for maintenance of radar systems, military installations, ships, fishing vessels, cranes, masts, and underwater environments,
- for installation, maintenance, and servicing of wind turbines,
- for protecting electrical connections, even underwater.

Available sizes of **Extreme 350**: Aerosol 0,5 L 1 L, 10 L, 200 L



450



Technical Data Sheet
Anti-Seize 450

Anti-Seize 450

High-Performance Anti-Seize lubricant

Safe for all types of materials, Prolan Anti-Seize 450 combines the lubricating and anti-corrosion properties of lanolin, providing an ideal solution for multi-material assemblies. It effectively prevents corrosion of threaded connections and serves as an assembly paste.

Examples of Prolan Anti-Seize 450 applications:

- for lubricating bolts and fastening elements,
- prevents wear and seizing of threads,
- for assembly and installation of machine parts,
- suitable for drilling and threading,
- for protecting plugs and electronics, even underwater,
- for diving and underwater environments,
- soothes dry lips and treats minor abrasions.

Available sizes of **Anti-Seize 450**: Packing 10/100 ml, 400 gram, 0,5/4/20 kg



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Anti-Corrosion
protective shield

They form a flexible coating, protecting surfaces from corrosion and degradation.



Top-Grade
lubrication

They provide long-lasting lubrication, minimizing friction and wear of components.



Extreme
penetrating power

They penetrate deeply into the surface, forming a barrier against water and moisture.



High-Performance
electrical insulation

They maintain a durable insulating layer, capable of providing electrical separation up to 70,000 V.



Common features of Prolan products:

- **Environmentally friendly and form a hydrophobic surface,**
- Colorless upon application, preserving the appearance of the surface,
- **Stop the progression of existing corrosion,**
- Easy to apply, ensuring cleanliness during application,
- **Biodegradable, environmentally safe,**
- Non-carcinogenic, antiseptic, antibacterial, and allergen-free,
- Non-washable, non-volatile, leaving a durable protective film,
- **Anti-adhesive and provide anti-graffiti protection,**
- Offer protection against UV radiation,
- **Provide electrical separation up to 70,000 V,**
- **Highly penetrating, deeply absorbed into the surface,**
- Strongly protect surfaces over a very long period,
- **Hermetically seal surfaces with a flexible protective film,**
- Resistant to acids, salts, alkalis, and moisture,
- **Completely neutral; safe for rubber, glass, leather, and coatings,**
- Do not alter the acid-base properties of oils,
- Extremely stable, with no manufacturer-specified shelf life,
- **Approved for use in food processing,**
- Tested under demanding marine and atmospheric conditions,
- **Do not dissolve in water; coatings remain flexible and do not crack.**



NSF

NFS H1 Certificate
approved for use
in the food industry

eurofins

Eurofins Certificate
Confirming compliance
with REACH-CLP regulations
for drinking water

PFAS
FREE

PFAS-Free
Do not contain perfluoro-
or polyfluoroalkyl substances
(e.g., Teflon)

C4
CLASS 4

**Meets C4 Corrosivity
Class Requirements**
Ensures excellent protection
against corrosion

100%
Biodegradable

100% Biodegradable
Naturally decomposes
without harming
the environment

NATO
OTAN

NATO Approval
Confirming high quality
and compliance
with military standards



**Exclusive Official Representative
of Prolan New Zealand in Poland**

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