

Perma-tec smeersystemen

Perma CLASSIC

Perma FUTURA

Perma FLEX

Perma NOVA

Perma Accessories

Perma Activator Screws



rmm

Repair Management Nederland B.V.

More management less firefighting

Perma Classic

Single-point lubrication system.

Perma Classic can be used for all applications with temperature from 0 to +40°C.

The reliable operating principle is based on an electrochemical reaction.

The lubrication period is determined by colour coded activator screws.

Depending on your application's requirement, you may choose the discharge 120 cm³ in a period of 1, 3, 6 or 12 months. The activator screw generates pressure (max. 4 bar) which moves the piston forward and continuously injects small lubricant amounts into the lubrication point.

Perma Classic is fully dust and water proof and can withstand impacts and accidental knocks.

Useful system for roller- and sliding bearings, sliding guides, open gears, gear racks, spindles, shaft seals, chains etc.

Product characteristics:

Quick installation, tamper proof, no tools required, inexpensive system.

Simple activation 1, 3, 6 or 12 months with activator screws.

Robust housing for use in harsh environments.

Ex-proof certification: I M2 c X, II 2G c IIC T6 X, en II 2D c T80° C X.

Safe and reliable lubrication in explosive areas.

Less exposure to safety hazards increases workplace safety.

Suitable for underground use.

Mining approval.

Available with multiple types of greases and oils.

For oil order the oil retaining valve separately.



Number	Description
979405	Perma Classic 120 SF01 multipurpose grease
979406	Perma Classic 120 SF02 extreme pressure grease
979407	Perma Classic 120 SF03 high temperature grease
979408	Perma Classic 120 SF04 high performance grease
979409	Perma Classic 120 SF05 high temp/perf. Grease
979410	Perma Classic 120 SF06 liquid grease
979411	Perma Classic 120 SF08 high speed grease
979412	Perma Classic 120 SF09 multipurpose bio grease
979413	Perma Classic 120 SF10 food grade H1 grease
979405R	Perma activator screw 1 month yellow
979405S	Perma activator screw 3 months green
979405T	Perma activator screw 6 months red
979405U	Perma activator screw 12 months grey



979415	Perma Classic 120 High Performance Oil SO14
979416	Perma Classic 120 Multipurpose Oil SO32
979417	Perma Classic 120 Bio oil, low Viscosity SO64
979418	Perma Classic 120 Bio oil, high viscosity SO69
979419	Perma Classic 120 Food Grade oil H1 SO70

Number	Description
979425	Installation kit Direct mounting (101476) Consist the following items: 1 x reducer G1/8 male x G1/4 female 1 x reducer M6 male x G1/4 female 1 x reducer M8x1 male x G1/4 female 1 x reducer M10x1 male x G1/4 female 1 x Extension G1/4 male x G1/4 female L=45mm 1 x Angle 45° G1/4 male x G1/4 female



Number	Description
979426	Installation kit Remote mounting (101481) Consist the following items: 1 x reducer G1/8 male x G1/4 female 1 x reducer M6 male x G1/4 female 1 x reducer M8x1 male x G1/4 female 1 x reducer M10x1 male x G1/4 female 1 x Extension G1/4 male x G1/4 female L=45mm 1 x Angle 45° G1/4 male x G1/4 female 2 x Tube connector G1/4 male for tube iØ 9,5mm (galvanized steel) push-lock.. 1,5m Heavy Duty hose up to +100°C with NBR lining and fabric insert. 1x 1 point bracket G1/8 female for 1 piece lubrication system.

Many other accessories available such as brackets, hoses, reducers all on request.

Perma Futura

Single-point lubrication system.

The Perma Futura is the ideal automatic lubrication system for areas that require hygiene or for harsh operating conditions which may lead to corrosion of metal lubricators or electronic systems. Its reliable operating principle is based on an electrochemical reaction.

The lubrication period is determined by colour coded activator screws. Depending on your application's requirement, you may choose to discharge 120 cm³ in a period of 1, 3, 6 or 12 months.

The activator screw generates pressure (max. 4 bar) which moves the piston forward and continuously injects small lubricant amounts into the lubrication point.

Useful system for roller- and sliding bearings, sliding guides, open gears, gear racks, spindles, shaft seals, chains etc.

Due to its resistance to corrosion it is especially suited for applications in the food industry.

Product characteristics:

Quick installation, tamper proof, no tools required, inexpensive system.

Simple activation 1, 3, 6 or 12 months with activator screws.

Transparant plastic housing with integrated support flange. Easy fill level check via permanently visible position of piston in lubrication system.

Casing and flange corrosion proof.

Ex-proof gcertification: I M2 c X, II 2G c IIC T6 X, en II 2D c T80° C X.

Safe and reliable lubrication in explosive areas.

Less exposure to safety hazards increases workplace safety.

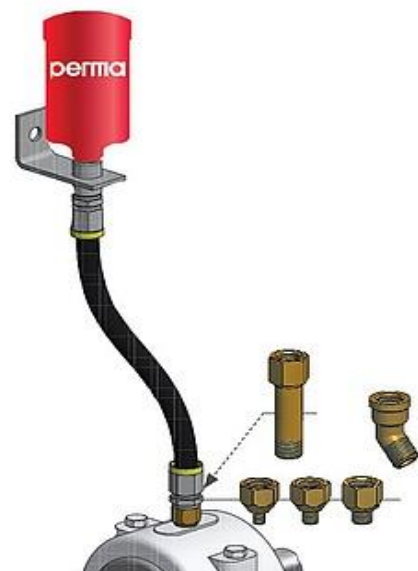
Suitable for underground use.

Mining approval.

Available with multiple types of greases and oils.

The oil unit comes with integrated oil retaining valve.

Number	Description
979430	Perma Futura 120 SF01 multipurpose grease
979431	Perma Futura 120 SF02 extreme pressure grease
979432	Perma Futura 120 SF03 high temperature grease
979433	Perma Futura 120 SF04 high performance grease
979434	Perma Futura 120 SF05 high temp./perf. Grease
979435	Perma Futura 120 SF06 liquid grease
979436	Perma Futura 120 SF08 high speed grease
979437	Perma Futura 120 SF09 multipurpose bio grease
979438	Perma Futura 120 SF10 food grade H1 grease
979405R	Perma activator screw 1 month yellow
979405S	Perma activator screw 3 months green
979405T	Perma activator screw 6 months red
979405U	Perma activator screw 12 months grey

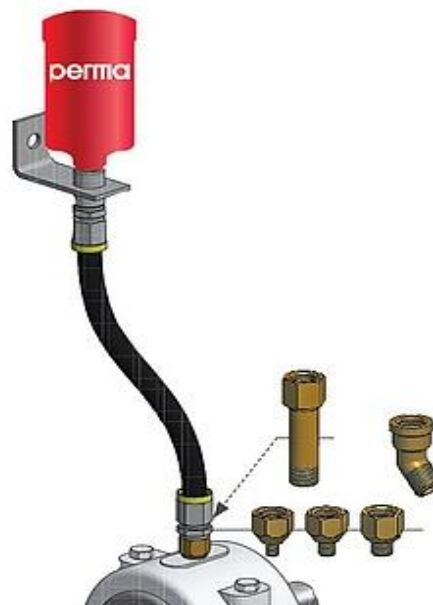


Number	Description
979440	Perma Futura 120 High Performance Oil SO14
979441	Perma Futura 120 Multipurpose Oil SO32
979442	Perma Futura 120 Bio oil, low Viscosity SO64
979443	Perma Futura 120 Bio oil, high viscosity SO69
979444	Perma Futura 120 Food Grade oil H1 SO70

Number	Description
979425	Installation kit Direct mounting (101476) Consist the following items: 1 x reducer G1/8 male x G1/4 female 1 x reducer M6 male x G1/4 female 1 x reducer M8x1 male x G1/4 female 1 x reducer M10x1 male x G1/4 female 1 x Extension G1/4 male x G1/4 female L=45mm 1 x Angle 45° G1/4 male x G1/4 female



Number	Description
979426	Installation kit Remote mounting (101481) Consist the following items: 1 x reducer G1/8 male x G1/4 female 1 x reducer M6 male x G1/4 female 1 x reducer M8x1 male x G1/4 female 1 x reducer M10x1 male x G1/4 female 1 x Extension G1/4 male x G1/4 female L=45mm 1 x Angle 45° G1/4 male x G1/4 female 2 x Tube connector G1/4 male for tube iØ 9,5mm (galvanized steel) push-lock.. 1,5m Heavy Duty hose up to +100°C with NBR lining and fabric insert. 1x 1 point bracket G1/8 female for 1 piece lubrication system.



Many other accessories available such as brackets, hoses, reducers all on request.

For use with oil filled CLASSIC units order oil retaining valves separately.

Number	Description
979427	Oil retaining valve G1/4 male x G1/4 female (104862) to +60°C (plastic valve). Material brass.
979428	Oil retaining valve G1/4 male x G1/4 female (104889) to +60°C (plastic valve). Material stainless steel.
979429	Oil retaining valve G1/4 male x G1/4 female (104863) to +150°C (metal valve). Material brass.



Perma Flex

The automatic lubrication system Perma Flex is available in two convenient sizes (60 cm³ / 125 cm³). It can be used for inside or outside applications at temperatures ranging from -20°C up to +60°C. Discharge period setting is flexible and can be adjusted from 1-12 months using the dial on top of the lubricator. Perm Flex comes fully assembled and ready-to-use. Simply turn the dial to the desired discharge period and the system is activated.

The electronically controlled chemical reaction will build up the pressure that is necessary to continually supply the lubrication point with fresh lubricant.

Useful for all types of applications and industries. Ingress protection to IP68 level guarantees reliable lubrication in extremely dusty and moist environments. The discharge period can be adjusted even after activation. It can be switched off during longer non-operation periods. Ideal suitable for bearings, slide rails, shaft seals, open gears, gear racks, spindles, chains etc.



Product characteristics:

Quick installation, tamper proof, no tools required, inexpensive system.
Simple discharge setting in montly steps with the activation dial on top.
For use in cold as hot environments as well.

Year-round use for outdoor applications.

Ready to use system no assembly necessary.

Ex-proof certification:

Dekra 12 ATEX0006 X

II 1G Ex ia IIC T6, II ID Ex iaD 20 T85°C, I M1 EX ia I.

IECEX DEK 11.0103X

Ex ia IIC T6 Ga, Ex ia IIIC T85°C Da, Ex ia I Ma.

FM certification.

Safe and reliable lubrication in explosive areas.

Less exposure to safety hazards increases workplace safety.

Reliable lubrication in moist and dusty areas.

The oil unit comes with integrated oil retaining valve.



Number	Description
979450	Perma Flex 60 SF01 multipurpose grease
979451	Perma Flex 60 SF02 extreme pressure grease
979452	Perma Flex 60 SF03 high temperature grease
979453	Perma Flex 60 SF04 high performance grease
979454	Perma Flex 60 SF05 high temp./perf. Grease
979455	Perma Flex 60 SF06 liquid grease
979456	Perma Flex 60 SF08 high speed grease
979457	Perma Flex 60 SF09 multipurpose bio grease
979458	Perma Flex 60 SF10 food grade H1 grease

Number	Description
979460	Perma Flex 60 High Performance Oil SO14
979461	Perma Flex 60 Multipurpose Oil SO32
979462	Perma Flex 60 Bio oil, low Viscosity SO64
979463	Perma Flex 60 Bio oil, high viscosity SO69
979464	Perma Flex 60 Food Grade oil H1 SO70

Number	Description
979470	Perma Flex 125 SF01 multipurpose grease
979471	Perma Flex 125 SF02 extreme pressure grease
979472	Perma Flex 125 SF03 high temperature grease
979473	Perma Flex 125 SF04 high performance grease
979474	Perma Flex 125 SF05 high temp./perf. Grease
979475	Perma Flex 125 SF06 liquid grease
979476	Perma Flex 125 SF08 high speed grease
979477	Perma Flex 125 SF09 multipurpose bio grease
979478	Perma Flex 125 SF10 food grade H1 grease

Number	Description
979480	Perma Flex 125 High Performance Oil SO14
979481	Perma Flex 125 Multipurpose Oil SO32
979482	Perma Flex 125 Bio oil, low Viscosity SO64
979483	Perma Flex 125 Bio oil, high viscosity SO69
979484	Perma Flex 125 Food Grade oil H1 SO70

Number	Description
979425	Installation kit Direct mounting (101476) Consist the following items: 1 x reducer G1/8 male x G1/4 female 1 x reducer M6 male x G1/4 female 1 x reducer M8x1 male x G1/4 female 1 x reducer M10x1 male x G1/4 female 1 x Extension G1/4 male x G1/4 female L=45mm 1 x Angle 45° G1/4 male x G1/4 female

Number	Description
979426	Installation kit Remote mounting (101481) Consist the following items: 1 x reducer G1/8 male x G1/4 female 1 x reducer M6 male x G1/4 female 1 x reducer M8x1 male x G1/4 female 1 x reducer M10x1 male x G1/4 female 1 x Extension G1/4 male x G1/4 female L=45mm 1 x Angle 45° G1/4 male x G1/4 female 2 x Tube connector G1/4 male for tube iØ 9,5mm (galvanized steel) push-lock.. 1,5m Heavy Duty hose up to +100°C with NBR lining and fabric insert. 1x 1 point bracket G1/8 female for 1 piece lubrication system.

Many other accessories available such as brackets, hoses, reducers all on request.

Perma Nova

Perma Nova can be used for all applications that are within a temperature range of -20°C to +60°C. The discharge period (1-12 months) can be easily programmed by pushing the SET-button on the NOVA control unit. A temperature sensor periodically measures the ambient temperature and the control unit calculates the required gas generation based on this data.

This ensures a continuous and controlled discharge.

Perma Nova consist of a reusable control unit, a lubricant canister (LC) filled with grease or oil (with integrated oil retaining valve), and a protection cover. The Perma Nova LC is available in sizes of 65 cm³ and 125 cm³.

The unit is especially suited for single-point lubrication of roller- and sliding bearings, sliding guides, open gears, gear racks, shaft seals and chains located in areas with considerable temperature variations (e.g. outside installations). The system is protected against dust and water jets when the individual parts are assembled correctly (IP65). Perma Nova with LC 65 cm³ is ideal for the lubrication of electric motors.

Product characteristics:

Reusable NOVA Control-Unit.

Temperature independent during the entire discharge period.

Accelerated pressure build-up for the first discharge within one day.

Simple handling, easy adjustments. LCD display and push buttons.

Ideal for applications with considerable temperature variations.

One system for subfreezing as well as high temperature applications.

Integrated support flange for stronger connections.

Ex-proof certification:

ZELM 09 ATEX 0420 X

I M1 Ex ia I Ma, II 2G ia IIC T4 Gb, II 2D Ex ia IIIC T135°C Db

IECEX ZLM 09.0013X

Ex ia I Ma, Ex ia IIC T4 Gb, Ex ia IIIC T135°C Db

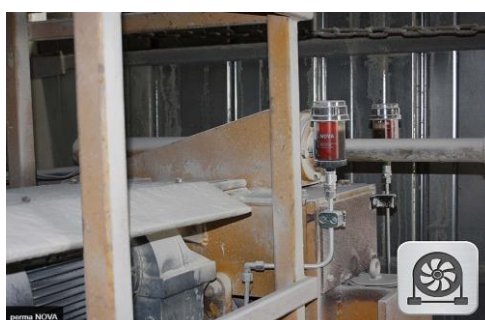
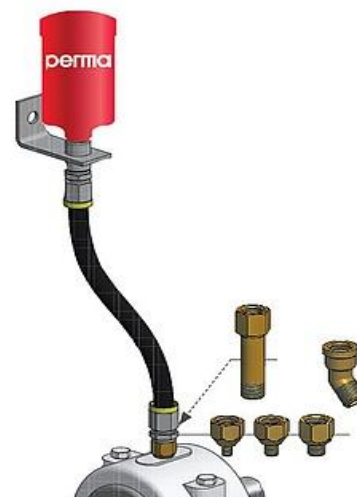
FM certification.

Safe and reliable lubrication in explosive areas.

Increased workplace safety.

Dust-tight and protected against water jets.

The oil unit comes with integrated oil retaining valve.



Number	Description
979490	Perma Nova 65 SF01 multipurpose grease
979491	Perma Nova 65 SF02 extreme pressure grease
979492	Perma Nova 65 SF03 high temperature grease
979493	Perma Nova 65 SF04 high performance grease
979494	Perma Nova 65 SF05 high temp./perf. Grease
979495	Perma Nova 65 SF06 liquid grease
979496	Perma Nova 65 SF08 high speed grease
979497	Perma Nova 65 SF09 multipurpose bio grease
979498	Perma Nova 65 SF10 food grade H1 grease

Number	Description
979500	Perma Nova 65 High Performance Oil SO14
979501	Perma Nova 65 Multipurpose Oil SO32
979502	Perma Nova 65 Bio oil, low Viscosity SO64
979503	Perma Nova 65 Bio oil, high viscosity SO69
979504	Perma Nova 65 Food Grade oil H1 SO70

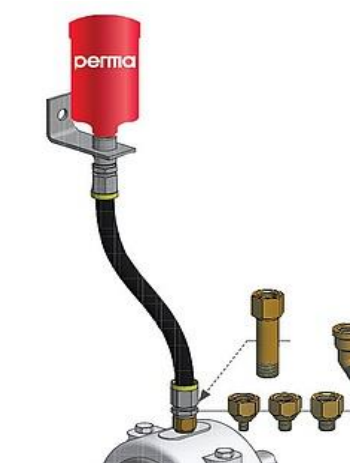
Number	Description
979510	Perma Nova 125 SF01 multipurpose grease
979511	Perma Nova 125 SF02 extreme pressure grease
979512	Perma Nova 125 SF03 high temperature grease
979513	Perma Nova 125 SF04 high performance grease
979514	Perma Nova 125 SF05 high temp./perf. Grease
979515	Perma Nova 125 SF06 liquid grease
979516	Perma Nova 125 SF08 high speed grease
979517	Perma Nova 125 SF09 multipurpose bio grease
979518	Perma Nova 125 SF10 food grade H1 grease

Number	Description
979520	Perma Nova 125 High Performance Oil SO14
979521	Perma Nova 125 Multipurpose Oil SO32
979522	Perma Nova 125 Bio oil, low Viscosity SO64
979523	Perma Nova 125 Bio oil, high viscosity SO69
979524	Perma Nova 125 Food Grade oil H1 SO70

Number	Description
979425	<p>Installation kit Direct mounting (101476)</p> <p>Consist the following items:</p> <p>1 x reducer G1/8 male x G1/4 female</p> <p>1 x reducer M6 male x G1/4 female</p> <p>1 x reducer M8x1 male x G1/4 female</p> <p>1 x reducer M10x1 male x G1/4 female</p> <p>1 x Extension G1/4 male x G1/4 female L=45mm</p> <p>1 x Angle 45° G1/4 male x G1/4 female</p>

Number	Description
979426	<p>Installation kit Remote mounting (101481)</p> <p>Consist the following items:</p> <p>1 x reducer G1/8 male x G1/4 female</p> <p>1 x reducer M6 male x G1/4 female</p> <p>1 x reducer M8x1 male x G1/4 female</p> <p>1 x reducer M10x1 male x G1/4 female</p> <p>1 x Extension G1/4 male x G1/4 female L=45mm</p> <p>1 x Angle 45° G1/4 male x G1/4 female</p> <p>2 x Tube connector G1/4 male for tube iØ 9,5mm (galvanized steel) push-lock..</p> <p>1,5m Heavy Duty hose up to +100 °C with NBR lining and fabric insert.</p> <p>1x 1 point bracket G1/8 female for 1 piece lubrication system.</p>

Many other accessories available such as brackets, hoses, reducers all on request.



Perma Oil brushes

The oil brush ensure an equal oil distribution.
Several brush bristle material for all kind of applications
and different temperature ranges.

Number	Description
979530	Perma oil brush $\varnothing 20$ mm G1/4 female thread on top Material: horsehair. Temperatures up to: +80°C. Perma number: 101396
979531	Perma oil brush 40x30mm G1/4 female thread on top Material: horsehair. Temperatures up to: +80°C. Perma number: 101397
979532	Perma oil brush 60x30mm G1/4 female thread on top Material: horsehair. Temperatures up to: +80°C. Perma number: 101398
979533	Perma oil brush 100x30mm G1/4 female thread on top Material: horsehair. Temperatures up to: +80°C. Perma number: 101399
979534	Perma oil brush 40x30mm G1/4 female lateral thread Material: horsehair. Temperatures up to: +80°C. Perma number: 101411
979535	Perma oil brush 60x30mm G1/4 female lateral thread Material: horsehair. Temperatures up to: +80°C. Perma number: 101412
979536	Perma oil brush 60x30mm G1/4 female Top and lateral female thread + blind plug. Material: polyamid. Temperatures up to: +100°C. Perma number: 101520
979537	Perma oil brush 40x30mm G1/4 female thread on top Material: High Temperature PPS Temperatures up to: +180°C. Perma number: 101402
979538	Perma oil brush 60x30mm G1/4 female thread on top Material: High Temperature PPS Temperatures up to: +180°C. Perma number: 101403
979539	Perma oil brush 100x30mm G1/4 female thread on top Material: High Temperature PPS Temperatures up to: +180°C. Perma number: 101404



Number	Description
979540	Perma oil brush 40x30mm G1/4 female thread on top Material: High Temperature stainless steel Temperatures up to: +350°C. Perma number: 101405
979541	Perma oil brush 60x30mm G1/4 female thread on top Material: High Temperature stainless steel Temperatures up to: +350°C. Perma number: 101406
979542	Perma oil brush 100x30mm G1/4 female thread on top Material: High Temperature stainless steel Temperatures up to: +350°C. Perma number: 101407



Also on request available custom made oil brushes.

Number	Description
979545	Perma Multipurpose chain lubrication box (plastic) Special set for lubrication of conveyor chains. Plastic holder with rotating brushes. Material: horsehair. Temperatures up to: +80°C. Replaceable brushes. Perma number: 101445
979546	Perma spare rotating brush 16mm Separate rotating brush for the chain lubrication box. Material: horsehair. Temperatures up to: +80°C. Perma number: 107631
979548	Perma Rail oiler for sliding guide lubrication Special tool for oil lubrication on sliding guides. Equipped with a foam insert. Comes with foam inserts for 5, 9 & 16 mm gaps. Perma number: 101485
979550	Perma lubrication pocket for gear lubrication Special for grease lubrication on open gears. Application: Spindles, slew rings, gear racks. Custom made to your specification: Needed info: module, number of teeth, radius (mm), width of gear wheel (mm). Perma number: 101444

