



No matter what your industry – Food and Beverage, Chemical, Industrial Assembly – we have the exact products and services to support your business.

A lubricating grease is a semi-solid product of the dispersion of a thickening agent in a liquid lubricant. The lubricating grease operates by releasing the lubricating fluid from the thickening agent and provides a way to supply a lubricant where the use of oil is not practical.

Molykote® high-performance greases are designed and tailored for use under extreme conditions like extreme pressure, harsh chemical environment, low and high temperatures and all speeds. Molykote greases are based on mineral oils or synthetic fluids including silicone oils. A number of Molykote greases contain special additives and/or solid lubricants like Molybdenum disulfide to provide effective lubrication.

### Molykote® 1102

- | **Description** – For gas taps and cocks with metal, glass and plastic combinations.
- | **Applications** – Used successfully with natural gas stop-cocks of main and secondary lines in domestic equipment, instantaneous water heaters and similar equipment; Lubrication of smaller taps made of metal, glass or plastic.
- | **Features** – Highly resistant to water; No drop point therefore no melting or leakage from lubrication points.
- | **Composition** – Mineral oil; Inorganic thickener; Solid lubricants.
- | **Temperature Range** – From 0 to +160°C, short term +220°C
- | **Packages** – Tube: 50g; Can: 1kg; Pail: 25kg

### Molykote® 1122

- | **Description** – Synthetic grease with solid lubricants.
- | **Applications** – Used for initial lubrication of chains with hollow pins equipped with grease nipples, e.g. high tender clamp chains in the textile industry and conveyor chains in food sterilizer units; Also used for gear drives and open gears, sliding bearings operating at low speeds and high temperatures, such as bearings in drying systems and calendaring machines used in various industrial processes.
- | **Features** – Emergency lubrication; High-pressure resistance; High wear protection; Extremely adhesive; Resistance against water
- | **Composition** – Synthetic oil; Solid lubricants; Inorganic thickener; Adhesion improver.
- | **Temperature Range** – From +10 to +160°C
- | **Packages** – Aerosol: 400ml; Pail: 25kg; Drum: 49,8kg

### Molykote® 165 LT

- | **Description** – Gearwheel grease for the lubrication of highly stressed open gears and reducing gears made of metal, with a peripheral speed of up to 2.5 m/s.
- | **Applications** – Open gears that are subjected to high stresses and bad weather effects; Successfully used in crushing plants and in transmission gears and cranked spindles of heavy crank-driven presses.
- | **Features** – Extremely high load-carrying capacity; Wear protection and reduction of existing pitting in gear teeth flanks during operation, due to the solid lubricants incorporated in the grease; Extremely adhesive due to build-in adhesion improver; Good protection against corrosion; Contains no lead or nickel.
- | **Composition** – Mineral oil; Lithium soap; Solid lubricants; Corrosion inhibitor; Adhesion improver; EP additives.
- | **Temperature Range** – From -25 to +120°C
- | **Packages** – Can: 1kg; Pail: 5kg

## Molykote® BR2 Plus

- | **Description** – High-performance grease with solid lubricants for metal/metal combinations involving slow to fast movements, particularly with medium to high loads.
- | **Applications** – Used successfully on roller bearings, plain bearings, sliding guides, roller guides, ball-and-socket joints, splined shafts and threaded spindles.
- | **Features** – High load-carrying capacity; Suitable for long-term lubrication; Good oxidation resistance; Emergency running properties, i.e. in the case of mixed friction providing of wear protection by solid lubricants and EP additives; Good protection against scaring (false Brinelling); Good water wash-out resistance; Good corrosion protection; Good protection against fretting corrosion.
- | **Composition** – Mineral oil; Lithium soap; Solid lubricants; EP additive; Corrosion inhibitor.
- | **Temperature Range** – From -30 to +130°C, +150°C for short periods
- | **Packages** – Tube: 100g; Cartridge: 400g; Can: 1kg; Pails: 5kg, 25kg, 50kg; Drum: 180kg

## Molykote® FB 180

- | **Description** – High-performance grease for metal/metal combinations involving slow to medium-fast movements and light to heavy loads, particularly at high temperatures.
- | **Applications** – Suitable for lubrication points with light to heavy loads and low to medium speeds, particularly those exposed to continuous high temperatures; Used successfully on plain and roller bearings of conveyor installations in drying kilns, vulcanizing plants, heating installations, fans and electric motors.
- | **Features** – Contains no lead or nickel; Suitable for long-term lubrication due to low evaporation and low tendency towards oxidation; Emergency running properties and reduction virtue of incorporated solid lubricants; No drop point: consequently no melting or lubrication point; Good water wash-out resistance.
- | **Composition** – Mineral oil; Inorganic thickener; Corrosion inhibitor; Solid lubricants.
- | **Temperature Range** – From -30 to +160°C, +180°C for short periods
- | **Packages** – Can: 1kg; Pail: 25kg

## Molykote® G-0050FG

- | **Description** – Multi-purpose food grade grease. White bearing grease is a high-performance lubricant designed for the food and beverage industry. It is a mineral based lubricant thickened with aluminum complex and fortified with EP additives. They are an excellent choice where NSF H1 status lubricant is required or when the product must be free of black particle contamination.
- | **Applications** – Multi-purpose lubrication of mechanical components in food and beverage processing facilities and pharmaceutical plants.
- | **Features** – Excellent lubricating properties; Good resistance against water wash-out; High load-carrying capacity; Compatible with many elastomers and plastics; Complies with the listing requirements of the FDA regulation 21 CFR 178.3570 and is registered at NSF under H1 category for “incidental food contact”.
- | **Composition** – Mineral oil; Aluminum complex thickener; EP/AW additives.
- | **Temperature Range** – From -20 to +150°C
- | **Packages** – Cartridge: 380g; Pail: 25kg

## Molykote® G-0051FG

- | **Description** – Multi-purpose food grade grease. White bearing grease is a high-performance lubricant designed for the food and beverage industry. It is a mineral based lubricant thickened with aluminum complex and fortified with EP additives. They are an excellent choice where NSF H1 status lubricant is required or when the product must be free of black particle contamination.
- | **Applications** – Multi-purpose lubrication of mechanical components in food and beverage processing facilities and pharmaceutical plants.
- | **Features** – Excellent lubricating properties; Good resistance to water wash-out; High load-carrying capacity; Compatible to many elastomers and plastics; Complies with the listing requirements of the FDA regulation 21 CFR 178.3570 and is registered at NSF under H1 category for “incidental food contact”.
- | **Composition** – Mineral oil; Aluminum complex thickener; EP/AW additives.
- | **Temperature Range** – From -20 to +150°C
- | **Packages** – Cartridge: 380g; Pail: 25kg

## Molykote® G-0052FG

- | **Description** – Multi-purpose food grade grease. White bearing grease is a high-performance lubricant designed for the food and beverage industry. It is a mineral based lubricant thickened with aluminum complex and fortified with EP additives. They are an excellent choice where NSF H1 status lubricant is required or when the product must be free of black particle contamination.
- | **Applications** – Multi-purpose lubrication of mechanical components in food and beverage processing facilities and pharmaceutical plants.
- | **Features** – Excellent lubricating properties; Good resistance to water wash-out; High load-carrying capacity; Compatible to many elastomers and plastics; Complies with the listing requirements of the FDA regulation 21 CFR 178.3570 and is registered at NSF under H1 category for “incidental food contact”.
- | **Composition** – Mineral oil; Aluminum complex thickener; EP/AW additives.
- | **Temperature Range** – From -20 to +150°C
- | **Packages** – Cartridge: 380g; Pails: 5kg, 25kg

## Molykote® G-0100

- | **Description** – Multi-purpose Polyurea thickened bearing grease.
- | **Applications** – Electric motors; Fan bearings; Water pump bearings; Dryers in chemical and paper industries.
- | **Features** – Wide temperature range; Low noise performance; Excellent corrosion-preventive properties; Variable speed.
- | **Composition** – Mineral base oil; Polyurea thickener; Corrosion inhibitor.
- | **Temperature Range** – From -40 to +170°C
- | **Packages** – Cartridge: 400g; Can: 1kg; Pail: 25kg; Drum: 180kg

## Molykote® G-0101

- | **Description** – Long Life Bearing Grease. Mineral oil based grease thickened by a lithium system. This product offers a wide service temperature range.
- | **Applications** – Rail applications; Elevator bearings; Electric motor bearings.
- | **Features** – Long service life; Excellent heat resistance; Usable for fast moving applications.
- | **Composition** – Mineral base oil, Lithium complex thickener; Corrosion inhibitors.
- | **Temperature Range** – From -20 to +150°C
- | **Packages** – Cartridge: 400g; Can: 1kg; Pail: 25kg; Drum: 180kg

## Molykote® G-0102

- | **Description** – Mineral oil based grease thickened by a calcium complex system. It can be used in a wide temperature range and offers excellent resistance against water wash-out. This product provides premium protection against wear and corrosion.
- | **Applications** – Water processing; Watergates and sluices; Chemical industries (cooling, condensing); Steel mills and mining Industry.
- | **Features** – Excellent water resistance; Extreme pressure capability; Good corrosion-preventive properties; Excellent thermal stability.
- | **Composition** – Mineral base oil; Calcium complex thickener; Corrosion inhibitor; EP additives.
- | **Temperature Range** – From -25 to +140°C
- | **Packages** – Cartridge: 400g; Can: 1kg; Pail: 25kg; Drum: 180kg

## Molykote® G-67

- | **Description** – Soft, adhesive extreme pressure solid lubricant grease.
- | **Applications** – Spur gear systems, load chains, settling shims, springs, shaft-hub connection, encapsulated joints, gears, linear motion guides.
- | **Features** – Excellent protection against fretting corrosion; Good load-carrying capacity; High level of protection against wear; Particularly adhesive.
- | **Composition** – Mineral oil; Lithium soap; Adhesion improver; Solid lubricants.
- | **Temperature Range** – From -25 to +120°C
- | **Packages** – Cartridge: 400g; Can: 1kg; Pail: 50kg; Drum: 180kg

## Molykote® Longterm 00

- | **Description** – Fluid grease for the lubrication of highly stressed transmissions with metal gears.
- | **Applications** – Closed gears that are subjected to frictional corrosion and moisture
- | **Features** – Extremely high load-carrying capacity; Resistant to galling through mixed friction; Wear protection due to solid lubricants and EP additives; Extremely adhesive due to incorporated adhesion improver; Good protection against corrosion; Contains no lead or nickel.
- | **Composition** – Mineral oil; Lithium soap; Solid lubricants; Corrosion inhibitor; Adhesion improver; EP additives.
- | **Temperature Range** – From -40 to +110°C
- | **Packages** – Pails: 5kg, 50kg

## Molykote® Longterm 2/78G

- || **Description** – High-performance grease for metal/metal combinations with slow to moderate movements and moderate to high stresses.
- || **Applications** – Suitable for frictional contacts with high stresses and low to moderate speeds, which are subject to friction corrosion, groove formation (Brinell effect) and moisture, used successfully for car track-rod linkages, axle rod linkages and cup joints.
- || **Features** – High load-bearing capacity; Suitable for long-term lubrication, since little tendency to oxidize; Resistance to galling; Good protection against corrosion; Contains no lead and nickel.
- || **Composition** – Mineral oil; Lithium/Zinc soap thickener; Solid lubricants; Oxidation inhibitor; Corrosion inhibitor.
- || **Temperature Range** – From -35 to +130°C
- || **Packages** – Can: 1kg; Pail: 50kg; Drum: 180kg

## Molykote® Longterm 2 plus

- || **Description** – Lubricating grease for metal/metal combinations with slow to medium-fast movements especially with high loads.
- || **Applications** – Used successfully for bearings, spline profiles and clutches in highly stressed motor vehicles, tractors, cranes, earth-moving machines, conveyor belts and forklift trucks, also where there is a risk of fretting corrosion, groove formation (Brinell effect) or moisture.
- || **Features** – High load-carrying capacity; Suitable for long-term lubrication; In mixed friction it provides wear protection due to solid lubricants and EP additives; Good adhesion strength; Good protection against corrosion.
- || **Composition** – Mineral oil; Lithium soap; Solid lubricants; EP additive; Corrosion inhibitor; Adhesion improver.
- || **Temperature Range** – From -25 to +110°C, +130°C for short periods
- || **Packages** – Cartridge: 400g; Can: 1kg; Pails: 5kg, 25kg, 50kg; Drum: 180kg

## Molykote® Longterm W2

- | **Description** – White lubricating grease for metal/metal combinations with slow to fast movements and medium loads.
- | **Applications** – Used successfully for bearings in machinery used in the food and pharmaceutical industries, in textile and paper making machines, domestic appliances and mechanical precision instruments.
- | **Features** – Good load-carrying capacity; Suitable for long-term lubrication since it has no tendency to oxidize; Wear protection through solid lubricants; Good adhesion strength due to incorporated adhesion improver; Good corrosion protection; Prevents the formation of frictional corrosion.
- | **Composition** – Mineral oil; Lithium soap; Solid lubricants; Adhesion improver.
- | **Temperature Range** – From -30 to +110°C, +130°C for short periods
- | **Packages** – Cartridge: 400g; Can: 1kg; Pails: 5kg, 25kg, 50kg; Drum: 180kg

## Molykote® Multilub

- | **Description** – High-performance grease for metal/metal combinations involving slow to fast movements and medium to high loads.
- | **Applications** – Lubrication contacts with light to medium loads and low to high speeds, even in the presence of moisture and spray; Used on roller bearings, plain bearings, sliding guides, roller guides, ball-and-socket joints, splined shafts and threaded spindles; Used for chassis lubrication on cranes, forklift trucks and lifting apparatus.
- | **Features** – Good load-carrying capacity; Suitable for long-term lubrication by virtue of low oil evaporation; Good water wash-out resistance; Good corrosion protection; Good oxidation resistance; Reduction of wear and scoring.
- | **Composition** – Mineral oil; Lithium soap; EP additive; Corrosion inhibitor.
- | **Temperature Range** – From -25 to +120°C
- | **Packages** – Tube: 100g; Cartridge: 400g; Pails: 1kg, 5kg, 20kg, 50kg; Drum: 180kg

## Molykote® X5-6020

- | **Description** – High duty mineral oil grease containing solid lubricants.
- | **Applications** – Sliding contact bearings in audio and video recorders, CD players and cameras, gears of household machines, photocopiers and other office machinery.
- | **Features** – Good pressure resistance; Good water resistance; Very low coefficient of friction; Compatible with many plastics and elastomers; Well suited for fiber reinforced plastics.
- | **Composition** – White oil; Lithium soap; Solid lubricants.
- | **Temperature Range** – From -30 to +150°C
- | **Packages** – Can: 1kg; Pails: 5kg, 25kg

## Semi-synthetic Greases

### Molykote® G-1001

- || **Description** – High-performance low cost grease which combines the high temperature properties of the lithium complex thickener with the low temperature properties of combination of highly refined mineral oil and synthetic hydrocarbon.
- || **Applications** – All varieties of rolling element bearings particularly at elevated temperatures.
- || **Features** – Good low noise capability; Long service life; Excellent cost-performance ratio.
- || **Composition** – Blend of mineral oil and synthetic hydrocarbon; Lithium complex thickener; Corrosion inhibitor.
- || **Temperature Range** – From -30 to +130°C
- || **Packages** – Cartridge: 400g; Can: 1kg; Pail: 25kg; Drum: 180kg

### Molykote® G-68

- || **Description** – Partly synthetic grease for enclosed steel and plastic gears.
- || **Applications** – Used in gears of electrical toothbrushes and paper shredders.
- || **Features** – High water resistance; Low coefficient of friction; Good compatibility with most plastics.
- || **Composition** – Mineral oil; Polyalphaolefine; Lithium soap; EP additives; Solid lubricants.
- || **Temperature Range** – From -30 to +140°C
- || **Packages** – Pails: 5kg, 25kg; Drum: 180kg

### Molykote® PG-75

- || **Description** – Lubricating grease for plastic/plastic and plastic/metal combinations with slow to medium-fast movements and light loads.
- || **Applications** – Used on vehicle track-rod joints.
- || **Features** – Suitable for long-term lubrication; Good low temperature characteristics; Very low coefficient of friction; Compatible with many plastics and elastomers.
- || **Composition** – Mineral oil; Polyalphaolefine; Lithium soap; Solid lubricants.
- || **Temperature Range** – From -40 to +130°C
- || **Packages** – Can: 1kg; Pails: 5kg, 25kg, 50kg

## Molykote® EM-50L

- | **Description** – Synthetic hydrocarbon oil/lithium soap grease. It has excellent compatibility with plastics such as polyacetals and polyamides, and is formulated for enhanced surface adhesion and noise damping.
- | **Applications** – Designed for plastic/plastic and plastic/metal lubrication in electromechanical applications such as small gears and moving components in printers, tape recorders and CD players.
- | **Features** – Wide service temperature range; Compatible with many plastics; Good lubricity; Formulated for enhanced surface adhesion; Noise damping.
- | **Composition** – Polyalphaolefine; Lithium soap.
- | **Temperature Range** – From -40 to +150°C
- | **Packages** – Can: 1kg; Pail: 16kg

## Molykote® EM-60L

- | **Description** – Low temperature synthetic grease containing solid lubricants.
- | **Applications** – Auto-focus of video cameras, electrical motors operating at low temperatures.
- | **Features** – Extremely low torque at low temperatures; High-pressure resistance; Low coefficient of friction; Compatible with most plastics; Suitable for long-term lubrication.
- | **Composition** – Polyalphaolefine; Lithium soap; Solid lubricants.
- | **Temperature Range** – From -60 to +130°C
- | **Packages** – Can: 1kg; Pail: 15kg

## Molykote® G-2001

- | **Description** – Synthetic oil-based grease thickened by a lithium-calcium system. Offers excellent low temperature performance and provides premium protection against wear and corrosion. The absence of solid lubricants makes this product well suited for small to medium sized rolling element bearings at high speeds.
- | **Applications** – High speed bearings; Spindles; Fast moving positioners; Moulding cutters; Chemical industry and paper processing.
- | **Features** – Wide service temperature range; Usable for high speeds; Excellent low temperature properties; Excellent temperature-consistency profile.
- | **Composition** – Synthetic base oil (PAO); Lithium-calcium thickener; Corrosion inhibitors.
- | **Temperature Range** – From -50 to +130°C
- | **Packages** – Cartridge: 375g; Can: 1kg; Pail: 25kg; Drum: 180kg

## Molykote® G-2003

- || **Description** – High-performance lithium thickened grease based on synthetic hydrocarbon. It offers excellent low temperature properties and provides premium long-term lubrication due to special solid lubricants.
- || **Applications** – High-performance grease for plastic/metal and plastic/plastic combinations involving medium-fast movements and medium loads.
- || **Features** – Excellent low temperature properties; Good water resistance; Suitable for long-term lubrication by virtue of low oil evaporation and low tendency towards oxidation; Compatible with most plastics and elastomers.
- || **Composition** – Polyalphaolefine oil; Lithium thickener; Oxidation inhibitors; Solid lubricants.
- || **Temperature Range** – From -50 to +140°C
- || **Packages** – Pail: 25kg

## Molykote® G-4500

- || **Description** – Specialty lubricant that combines the benefits of wide operating temperature and broad compatibility with varied materials.
- || **Applications** – Long-term lubrication for assembly and maintenance; Can be used in food-processing applications involving mixers, motors, conveyors, low-temperature equipment, packaging machines and many other applications in or out of the food processing industry where a white grease may be desirable. Such applications may involve furniture, instrumentation, photo and optical equipment.
- || **Features** – Multi-purpose capabilities; Wide temperature operating range; Broad compatibility; Complies with the listing requirements of the FDA regulation 21 CFR 178.3570 and is registered at NSF under H1 category for “incidental food contact”.
- || **Composition** – Polyalphaolefine; Aluminum complex thickeners; Solid lubricants.
- || **Temperature Range** – From -40 to +150°C
- || **Packages** – Aerosol: 400ml; Cartridge: 400g; Pails: 5kg, 25kg

## Molykote® G-4501

- || **Description** – Specialty lubricant that combines the benefits of wide operating temperature and broad compatibility with varied materials.
- || **Applications** – Long-term lubrication for assembly and maintenance; Can be used in food-processing applications involving mixers, motors, conveyors, low-temperature equipment, packaging machines and many other applications in or out of the food processing industry where a white grease may be desirable; Such applications may involve furniture, instrumentation, photo and optical equipment.
- || **Features** – Multi-purpose capabilities; Wide temperature operating range; Broad compatibility; Complies with the listing requirements of the FDA regulation 21 CFR 178.3570 and is registered at NSF under H1 category for “incidental food contact”.
- || **Composition** – Polyalphaolefine; Aluminum complex thickeners; Solid lubricants.
- || **Temperature Range** – From -40 to +150°C
- || **Packages** – Cartridge: 400g; Pail: 25kg

## Molykote® G-4700

- || **Description** – Specialty lubricant that combines the benefits of wide operating temperature and broad compatibility with varied materials.
- || **Applications** – Long-term lubrication for assembly and maintenance; Can be used in most non-food related grease applications such as metal working machines, motors, fans, blowers, conveyors, wheel bearings and custom machinery where heavy duty, long-lasting lubrication is desired.
- || **Features** – Multi-purpose capabilities; Wide temperature operating range; Broad compatibility; Meets Cinnccinati Machine P-64, Ford ESA-MIC75-B, GM998525H.
- || **Composition** – Polyalphaolefine; Lithium complex thickeners; Solid lubricants.
- || **Temperature Range** – From -40 to +177°C
- || **Packages** – Cartridge: 400g; Can: 1kg; Pail: 25kg

## Molykote® MH-62

- || **Description** – Synthetic hydrocarbon oil/lithium soap grease containing specially formulated solid lubricants. It has good compatibility with plastics, a wide service temperature range and a high load-carrying capacity.
- || **Applications** – Designed primarily for plastic/plastic, metal/metal, and metal/plastic lubrication in electromechanical applications such as automotive HVAC components and cables; Examples include control cables, precision electric motors, antennas, audio equipment, and bearings under light to moderate loads.
- || **Features** – Lubrication of plastic/plastic, metal/metal, and metal/plastic substrates in electromechanical applications such as automotive HVAC components and cables.
- || **Composition** – Polyalphaolefine; Lithium soap; Solid lubricants.
- || **Temperature Range** – From -40 to +120°C
- || **Packages** – Pail: 16kg

## Molykote® EM-30L

- || **Description** – High-performance greases for plastic/plastic, plastic/metal and rubber/metal combinations involving slow and medium-fast movements and medium to heavy loads.
- || **Applications** – Suitable for lubrication points with medium to heavy loads and low to medium speeds.
- || **Features** – Contains no lead or nickel; High load-carrying capacity; Suitable for long-term lubrication by virtue of low oil evaporation and low tendency towards oxidation; Low friction coefficient; Compatible with most plastics and elastomers.
- || **Composition** – Polyalphaolefine; Lithium soap; Solid lubricants.
- || **Temperature Range** – From -45 to +150°C
- || **Packages** – Can: 1kg; Pail: 16kg; Drum: 180kg

## Molykote® PG-65 Plastislip

- || **Description** – Synthetic hydrocarbon grease containing specially formulated solid lubricants. It has excellent compatibility with plastics such as PET, HDPE, PTFE, nylon, and PBT, and rubbers such as NBR, PIB, polyurethane, and neoprene. It has a low coefficient of friction and offers good lubricity at high operating speeds.
- || **Applications** – Designed primarily for plastic/plastic, plastic/metal, plastic/rubber, and metal/rubber lubrication in electromechanical applications such as bearing bushings, gears, sliding tracks, switches, levers, and hinges; PG-65 Plastislip is particularly effective as a lubricant in Bowden cable control systems, electric motors and gearboxes, automotive sunroof tracks, and automotive HVAC controls.
- || **Features** – Compatible with many plastics; Low coefficient of friction; Designed for high-speed applications.
- || **Composition** – Synthetic hydrocarbon oil/lithium soap grease.
- || **Temperature Range** – From -55 to +130°C
- || **Packages** – Can: 1kg; Pails: 5kg, 25kg

## Molykote® YM-102

- || **Description** – Synthetic lithium soap-based grease.
- || **Applications** – Heavy duty grease for plastic/plastic and plastic/metal pairs at low to moderate speeds and at high loads (e.g. highly stressed plastic gears in cars and in audio-video units).
- || **Features** – Broad service temperature range; Good plastic compatibility; High load-carrying capacity; Low coefficient of friction; Free from molybdenum disulphide.
- || **Composition** – Polyalphaolefine; Lithium soap; Solid lubricants.
- || **Temperature Range** – From -50 to +150°C
- || **Packages** – Pail: 16kg

## Molykote® YM-103

- || **Description** – High-performance grease for metal/metal, metal/plastic and plastic/plastic combinations, involving slow to fast movements and medium to heavy loads.
- || **Applications** – Suitable for frictional contacts involving medium to heavy loads and low to high speeds, particularly those which have to remain fully serviceable at low temperatures; Used successfully on the adjusting gear of rear-view mirrors in cars, in car steering systems and video recorders.
- || **Features** – Contains no lead or nickel; Suitable for long-term lubrication by virtue of low tendency towards oxidation; High load-carrying capacity; Good water wash-out resistance; Low-starting torque; Compatible with many plastics and elastomers.
- || **Composition** – Polyalphaolefine; Lithium soap; Solid lubricants.
- || **Temperature Range** – From -45 to +120°C, +150°C for short periods
- || **Packages** – Can: 1kg; Pail: 16kg; Drum: 180kg

## Synthetic Greases, POE

### Molykote® 7514

- || **Description** – Synthetic grease especially for intermediate transmissions of starter motors.
- || **Applications** – Used successfully for needle bearings in planetary gears.
- || **Features** – Wide service temperature range; Suitable for long-term lubrication; Good low temperature performance; Good protection against corrosion.
- || **Composition** – PAO/Ester base oil; Lithium complex thickener; EP additives; Corrosion inhibitor.
- || **Temperature Range** – From -40 to +180°C
- || **Packages** – Pails: 25kg, 50kg; Drum: 180kg

### Molykote® BG-20

- || **Description** – High-performance grease for metal/metal combinations involving rapid movements and medium to heavy loads.
- || **Applications** – Suitable for lubrication points with medium to heavy loads and high to very high speeds, particularly when they are also exposed to high temperatures; Used successfully on clutch release bearings, blower and calender-roller bearings and electric motor bearings.
- || **Features** – Contains no lead or nickel; High load-carrying capacity; Suitable for long-term lubrication by virtue of low oil evaporation and low tendency towards oxidation; Wide service temperature range; Suitable for very high rotational speeds (DN-value 750.000).
- || **Composition** – Ester oil; Lithium complex thickener; EW/AW-Additive; Oxidation inhibitor.
- || **Temperature Range** – From -45 to +180°C, up to +200°C for short periods
- || **Packages** – Can: 1kg; Pails: 5kg, 50kg; Drum: 180kg

### Molykote® BG-555

- || **Description** – Long performance life; Wide temperature range; Low noise grease.
- || **Applications** – Grease is suitable for use in bearings at elevated temperatures for long period.
- || **Features** – Wide service temperature range; Low-performance grease; Excellent low temperature properties; Anti-rust properties; Noise suppressing properties.
- || **Composition** – Ester oil; Lithium thickener.
- || **Temperature Range** – From -40 to +150°C
- || **Packages** – Can: 1kg; Pails: 5kg, 25kg

## Synthetic Greases, Fluorosilicone

### Molykote® 1292

- || **Description** – Extreme pressure; High temperature fluoro-silicone grease.
- || **Applications** – Lubricating grease for metal/metal combinations with slow to medium-fast movements and medium loads over a wide temperature range.
- || **Features** – Particularly suitable for long-term lubrication by virtue of its extremely low tendency towards oxidation; High drop point (> 250°C); Consequently reduced risk of melting and run-out from lubrication point; Wide service temperature range; High resistance to water and water wash-out; Resistant to mineral oil, fuels and many chemicals.
- || **Composition** – Fluorosilicone oil; Organic thickener.
- || **Temperature Range** – From -40 to +200°C, up to +230°C for short periods
- || **Packages** – Tube: 100g; Can: 1kg; Pails: 5kg, 25kg

### Molykote® 3451

- || **Description** – Heavy duty; Chemically resistant; High temperature fluoro-silicone grease.
- || **Applications** – Lubricating grease for metal/metal combinations with slow to medium-fast movements and medium to high loads over a wide temperature range. Particularly suitable in harsh environments found with chemicals, acids and alkalis.
- || **Features** – High oxidation resistance; High drop point; Wide service temperature range; High resistance to water and water wash-out; Resistant to most solvents and chemicals.
- || **Composition** – Fluorosilicone oil; PTFE thickener.
- || **Temperature Range** – From -40 to +230°C
- || **Packages** – Tube: 100g, Can: 1kg; Pails: 25kg, 50kg

### Molykote® 3452

- || **Description** – Lubricating and sealing grease for metal/metal, metal/plastic and metal/elastomer combinations involving slow movements and heavy loads over very wide temperature ranges, particularly under unfavorable environmental influences.
- || **Applications** – Suitable for the above frictional contacts and service conditions; Successfully used on valves, mechanical seals and pumps, ball-and socket-joints, bearings, on loading arms for ships and vacuum contained equipment.
- || **Features** – Low evaporation; High oxidation resistance; Wide service temperature range; High resistance to water and water wash-out; Resistant to most solvents and chemicals; Compatible with many plastics and elastomers.
- || **Composition** – Fluorosilicone oil; PTFE thickener.
- || **Temperature Range** – From -30 to +230°C
- || **Packages** – Tube: 100g, Can: 1kg; Pail: 5kg

## Synthetic Greases, PFPE

### Molykote® G-6000

- || **Description** – High-performance bearing grease for use at extreme high temperatures. It is synthetic based grease thickened by aromatic diurea. It can be used at extreme high temperatures, also offering excellent low temperature behavior. Due to the diurea thickener it is very stable to mechanical stress. Product is also well suitable for application exposed to radiation.
- || **Applications** – Bearings operating at high temperatures; Automobile electrical accessories; Equipment exposed to radiation; Bearings operating under high mechanical stress.
- || **Features** – Extreme high temperature properties; Good low temperature behavior; Good corrosion-preventive properties; High mechanical stability.
- || **Composition** – Polyurea thickener; Polyphenylether; Corrosion inhibitor.
- || **Temperature Range** – From -40 to +200°C
- || **Packages** – Cartridge: 400g; Can: 1kg; Pail: 25kg; Drum: 180kg

### Molykote® HP-300

- || **Description** – Fully fluorinated grease provides extraordinary performance under extreme conditions.
- || **Applications** – Designed for use in wide temperature ranges and/or high-vacuum operations such as semiconductor applications.
- || **Features** – Low vapor pressure (base oil); Excellent chemical and solvent resistance; Outstanding high temperature stability; Good compatibility with elastomers and plastics; Low temperature service capability.
- || **Composition** – Perfluoropolyether (PFPE) oil; Polytetrafluoroethylene (PTFE) thickener.
- || **Temperature Range** – Continuous: from -35 to +250°C, intermittent: from -65 to +280°C
- || **Packages** – Cans: 500g, 2kg

### Molykote® HP-870

- || **Description** – Lubricating grease for metal/metal and metal/plastic combinations with slow to medium-fast movements and extremely high loads.
- || **Applications** – Used successfully, for example, for sliding and roller bearings in refrigeration plants, in pump and fan bearings, and also for charging equipment in the chemical and petrochemical industry.
- || **Features** – Suitable for long-term lubrication; High loading capacity; Can be used over a wide temperature range; Highly resistant to water; Resistant to many chemicals; Compatible with many plastics and elastomers.
- || **Composition** – Perfluorinated polyether; PTFE thickener, temperature resistant corrosion inhibitor.
- || **Temperature Range** – From -20 to +250°C, up to +280°C for short periods
- || **Packages** – Tube: 100g; Can: 1kg; Pails: 10kg, 25kg; Drum: 200kg

### Molykote® 33 Light

- ▮ **Description** – Lubricating grease for metal/metal, metal/plastic combinations involving slow to medium-fast movements and light loads, especially over a wide range of temperatures.
- ▮ **Applications** – Used successfully for rollers in mobile refrigerating equipment and refrigerating plants, control cables, electric clocks, motors, windscreen wiper motors, vehicle starter motors, photographic and optical equipment, surveying instruments.
- ▮ **Features** – High oxidation resistance; Wide service temperature range; Good low temperature performance; Compatible with many plastics; Water-resistant.
- ▮ **Composition** – Silicone oil; Lithium soap.
- ▮ **Temperature Range** – From -73 to +180°C
- ▮ **Packages** – Tube: 100g; Can: 1kg; Pail: 25kg; Drum: 180kg

### Molykote® 33 Medium

- ▮ **Description** – Lubricating grease for metal/metal, metal/plastic combinations involving slow to medium-fast movements and light load, especially over a wide range of temperatures.
- ▮ **Applications** – Used successfully for rollers in mobile refrigerating equipment and refrigeration plants, control cables, electric clocks, motors, windscreen wiper motors, vehicle starter motors, photographic and optical equipment, surveying instruments.
- ▮ **Features** – High oxidation resistance; Wide service temperature range; Good low temperature performance; Compatible with many plastics; Water-resistant.
- ▮ **Composition** – Silicone oil; Lithium soap.
- ▮ **Temperature Range** – From -73 to +180°C
- ▮ **Packages** – Tube: 100g; Can: 1kg; Pails: 25kg, 50kg; Drum: 180kg

### Molykote® 41

- ▮ **Description** – Silicone grease for very high temperature applications at low speeds.
- ▮ **Applications** – Suitable for rolling-element bearings in oven conveyors, kiln cars and pumps for molten salts, governor linkage of steam turbines.
- ▮ **Features** – Non-melting; High temperature stability; High oxidation resistance; Good resistance against water wash-out.
- ▮ **Composition** – Silicone oil; Carbon black; Corrosion inhibitor.
- ▮ **Temperature Range** – From -20 to +290°C
- ▮ **Packages** – Tube: 100g; Can: 1kg; Pails: 5kg, 25kg

## Molykote® 44 Light

- | **Description** – High temperature bearing grease.
- | **Applications** – Suitable for rolling-element bearings in oven fans, driers, conveyors, clutch release bearings, plastic components.
- | **Features** – Low evaporation; High oxidation resistance; Good resistance to water wash-out; Compatible with many plastics; Wide service temperature range.
- | **Composition** – Silicone oil; Lithium soap.
- | **Temperature Range** – From -40 to +200°C
- | **Packages** – Pails: 5kg, 45kg

## Molykote® 44 Medium

- | **Description** – High temperature bearing grease.
- | **Applications** – Suitable for rolling-element bearings in oven fans, driers, conveyors, clutch release bearings, plastic components.
- | **Features** – Low evaporation; High oxidation resistance; Good resistance to water wash-out; Compatible with many plastics; Wide service temperature range.
- | **Composition** – Silicone oil; Lithium soap.
- | **Temperature Range** – From -40 to +200°C
- | **Packages** – Tube: 100g; Can: 1kg; Pails: 5kg, 25kg; Drum: 180kg

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## Molykote® 55 O-Ring

- ▮ **Description** – Silicone based grease for O-rings.
- ▮ **Applications** – Dynamic lubrication between rubber and metal parts in pneumatic systems in aircraft, automotive and general industrial applications.
- ▮ **Features** – High oxidation resistance; Wide service temperature range; Good corrosion protection; Compatible with many plastics and elastomers.
- ▮ **Composition** – Silicone oil; Ester; Lithium soap.
- ▮ **Temperature Range** – From -65 to +175°C
- ▮ **Packages** – Tube: 100g; Can: 1kg; Pail: 25kg

## Molykote® 7348

- ▮ **Description** – High temperature silicone grease for rolling-element bearings.
- ▮ **Applications** – Used successfully on bearings in driers and on conveyor chains of wood coatings plants. Also suitable for sterilizers.
- ▮ **Features** – Low evaporation; High oxidation resistance; Good long-term lubrication; High drop point; Water-resistant.
- ▮ **Composition** – Silicone oil; Lithium complex thickener; Anti-oxidant; Solid lubricants.
- ▮ **Temperature Range** – From -20 to +230°C, +250°C for short periods
- ▮ **Packages** – Cartridge: 400g; Can: 1kg; Pail: 25kg

## Molykote® 822M

- ▮ **Description** – High-performance grease for metal/metal, metal/plastic and metal/elastomer combinations.
- ▮ **Applications** – Frictional combinations with low stresses and low to moderate speeds which have to function over a wide temperature range in a wet or moist atmosphere. Used successfully for vehicle servo brakes and seal rings in pneumatic and hydraulic systems.
- ▮ **Features** – Low evaporation; Wide service temperature range; Good corrosion protection properties; Compatible with many plastics and elastomers.
- ▮ **Composition** – Silicone oil; Lithium soap.
- ▮ **Temperature Range** – From -40 to +200°C
- ▮ **Packages** – Pail : 20kg; Drum: 180kg

## Molykote® G-5032

- | **Description** – White food grade silicone grease.
- | **Applications** – General purpose white silicone grease for applications in food processing plants where H1 compliant products are requested. Suitable for lubrication points with low to medium loads and speeds which have to perform over a wide temperature range.
- | **Features** – Wide service temperature range; Compatible with many plastics and elastomers; Excellent water resistance; Low volatility; Complies with the listing requirements of the FDA regulation 21 CFR 178.3570 and is registered at NSF under H1 category for “incidental food contact.”
- | **Composition** – Silicone oil; PTFE.
- | **Temperature Range** – From -40 to +200°C
- | **Packages** – Pail: 5kg

## Molykote® G-72

- | **Description** – Lithium complex soap-based grease for plastic/plastic and plastic/metal combinations in control cable applications.
- | **Applications** – Suitable for lubricating control cables, such as clutch cables, gear shift cables, hand brake cables and others.
- | **Features** – Plastic lubricity; Compatibility with many plastics; Broad service temperature range; Low temperature characteristics; Low oil evaporation.
- | **Composition** – Silicone oil; Lithium complex thickener; Plastic additives.
- | **Temperature Range** – From -40 to +200°C
- | **Packages** – Pail: 25kg; Drum: 180kg

## Molykote® G-807

- | **Description** – Low friction silicone compound. Soft silicone compound containing specially formulated solid lubricants. It has excellent compatibility with plastic and rubber materials. It also has low friction properties.
- | **Applications** – Designed primarily for plastic/metal and metal/rubber lubrication in electromechanical applications.
- | **Features** – Wide service temperature range; Compatible with many plastic and rubber materials; Good corrosion resistance; Low friction properties.
- | **Composition** – Silicone oil; PTFE.
- | **Temperature Range** – From -40 to +150°C
- | **Packages** – Pails: 18,1kg, 25kg; Drum 199,5kg

## Dow Corning® High Vacuum Grease

- ▮ **Description** – Valve lubricant and sealant.
- ▮ **Applications** – Lubrication for control and pressure plug valves, water softener and faucet valves; Sealant for vacuum and pressure systems; Sealant for outdoor equipment (also shipboard) subject to washing and harsh environmental exposure: meters, electrical service entrance and underground connections; Chemical barrier coating; Rubber and plastic O-rings, gaskets and seals.
- ▮ **Features** – Good resistance to most chemicals; Wide service temperature range; Low vapor pressure; Low volatility; Excellent water resistance.
- ▮ **Composition** – Silicone oil; Inorganic thickener; Additives.
- ▮ **Temperature Range** – From -40 to +200°C
- ▮ **Packages** – Tube: 50g; Pail: 5kg

## Molykote® PG-21

- ▮ **Description** – High-performance grease for plastic/plastic and plastic/metal combinations involving slow to medium-fast movements and light to medium loads.
- ▮ **Applications** – Suitable for frictional contacts with low to medium loads and speeds which have to remain serviceable through a wide temperature range; Used on control cables, water pumps, bearing bushes, gearwheels, slideways and other plastic parts in domestic appliances, toys and electrical appliances.
- ▮ **Features** – High oxidation resistance; Wide service temperature range; High water resistance; Excellent corrosion protection; Compatible with many plastics and elastomers.
- ▮ **Composition** – Silicone oil; Lithium complex thickener.
- ▮ **Temperature Range** – From -50 to +190°C
- ▮ **Packages** – Can: 1kg, Pails: 5kg, 25kg; Drum: 180kg

## Molykote® PG-54

- ▮ **Description** – High-performance grease for plastic/plastic, plastic/metal and rubber/metal combinations involving slow to medium fast movements and light to medium loads.
- ▮ **Applications** – Suitable for lubrication points with low to medium loads and speeds; Used in silent block bushings, video and audio cassettes, water pump packings, brake-caliper guide bolts, control cables and on sliding-contact surfaces of washing machines and dishwashers.
- ▮ **Features** – High oxidation resistance; Wide service temperature range; Good low temperature performance; Low coefficient of friction; Good corrosion protection; Excellent compatibility with most plastics and elastomers.
- ▮ **Composition** – Silicone oil, Lithium complex thickener; Solid lubricants; EP additive.
- ▮ **Temperature Range** – From -50 to +180°C
- ▮ **Packages** – Tube: 100g; Can: 1kg; Pails: 5kg, 25kg; Drum: 180kg