



Super Hi-Glyde O-Ring Lubricant

Takes Performance to the Next Level

Lubricants are essential for O-rings and seals in various applications. Super Hi-Glyde is our silicone-based lubricant with a low coefficient of friction. Super Hi-Glyde meets FDA 21 CFR 175.300 requirements. It is suitable for lubrication as well as water resistance improvement related to; food industry equipment, sanitary equipment, brewing equipment, and beverage equipment where required. Super Hi-Glyde is ideal for use in automotive, industrial, and commercial applications. This lubricant exhibits excellent adhesion to metal, rubber, and plastic materials, which prevent the lubricating film from being wasted away due to fluid action in the system.

Super Hi-Glyde has high resistance to wear, pressure, rust, and corrosion. It helps protect O-rings and seals from ozone degradation, cracking, abrasion, cutting, and pinching. Super Hi-Glyde has great thermal stability, does not cure, and can operate in temperatures ranging from -55°C to 250°C (-67°F to 482°F). The lubricant also helps speed up the installation process, saving customers valuable time and money. Super Hi-Glyde is not compatible for use with fluids containing phosphate esters or fire retardant fluids that are often used in mining, foundries, and steel mills.

Super Hi-Glyde is resistant to most organic solvents, strong acids, and alkali. It is also compatible with:

- Nitrile
- Fluorocarbon
- Urethane
- Fluorosilicone
- Neoprene
- EPDM
- Polysulfide
- Polyacrylate
- Butadiene
- Butyl
- Isoprene

Super Hi-Glyde delivers superior results since silicone does not swell or soften the rubber. Silicone is non-toxic, highly water-repellent, and oxidation resistant. These properties make the Super Hi-Glyde a safe to use product for both the employees and the applications in which they are used.

Technical Properties	Standard	Value
Appearance	-	White
Consistency Grade NLGI	D217	2#
Worked Cone Penetration, 25°C (77°F), 0.1mm	D217	265 - 295
Dropping Point, °C	D2265	None
Volatilization Loss, 22hrs @ 99°C (210°F), %	D972	0.18 (max)
Oil Separation, 100°C (212°F)/24hrs, %	D1742	2.0 (max)
Wear Scar Diameters, 392N, 1hr, mm	D2266	0.4 (max)
Copper Sheet Corrosion Test Level, 3hrs @ 100°C (212°F)	D4048	1a

