Lubricants and fittings |Lubricants for Seals

A correct lubrication eliminates any inconvenience due to dry operational use, seasoning, the ageing of the elastomer and the sticking to countersurfaces when not in use.
O-Rings can be supplied pre-treated with a wide range of lubricants such as Molybdenum Disulfide, Graphite, HDxxx series of greases and Parker Super-O-Lubek
Contact our technical office for advise on the most suitable lubricant for your requirements.

Click on the product's code to access the data sheet, registration is required

Commercial Type	Chemical nature	Temperature range	Applications	Pakage
Parker-O-Lube	mineral grease	-30 +120°C	Parker O-Lube is a mineral oil-based lubricant containing barium soap. It eases assembly and extends the service life of rubber seals. The best results are obtained when both the seal and its running surfaces are treated with the grease. Parker-O-Lube has a good resistance to water, adheres well to surfaces and offers good lubricating properties. It is particularly suitable for low pressure applications with slow dynamic reciprocating, oscillating or rotating motion. Parker-O-Lube is not recommended for systems with micro-filters or for seals which are not compatible with mineral oils (e.g. butyl, ethylene-propylene).	55 g
Parker Super-O-Lube	Silicone*	-55 +200°C	Parker's Super O-Lube offers outstanding performance in service and has one of the most useful temperature ranges of any lubricant available. It can be used as an assembly lubricant as well as high pressure systems or vacuums. Its inert nature lends itself to a wide variety of fluid systems. And since there are no fillers, there is no clogging of micron filters. In addition to Super O-Lube's outstanding performance in service, it also gives protection to rubber polymers that are normally age sensitive when exposed to the atmosphere. This is a typical concern with ozone sensitive polymers that require age control.	55 g
HD005P	PTFE	-200 +260°C	Lubricant powder, particle size <=5micron, excellent thermal and chemical stability, FDA approved	500 g
HD006P	PTFE	-200 +260°C	Lubricant powder, particle size <=10micron, excellent thermal and chemical stability, FDA approved	500 g
HD010G	Grafite	-185 +450°C	EP anti seizing Lubricant powder, great thermal and chemical stability O-Rings coating	100 g 500 g 1 Kg
HD150W	Silicone *	-55 +200°C	Multi-use lubricant. NBR ageing protection, lubrication "for-life" of pneumatic components, high vacuum, water and "hard" water. Lubrication of plastic/plastic and plastic/metal couples	100 g 500 g
HD300WP	Silicone *	-40 +200°C	For very low temperatures. NBR ageing protection, lubrication "for-life" of pneumatic components, high vacuum, water and "hard" water. Lubrication of plastic/plastic and plastic/metal couples Lubrication of structural bearings ptfe/inox (bridges, industrial refrigerators)	100 g 500 g
HD400K	Syntetic Oil **H1**	-30 +160 °C	Synthetic Oil Calcium Soap Grease for lubricating seals and pneumatic components. **Class H1 for food industry, FDA approved** Compatible with PU, FKM, MVQ,NBR. Non compatible with Epdm. Wide speed range: from very slow (no Stick-Slip) up to 1m/sec and more in adequate conditions.	100 g 500 g
HD900TF	PTFE	-70+120°C	Compatible with all elastomers, allowed for alimentary use, high vacuum, methane valves, great chemical resistance	100 g 500 g
HD1800TF	PTFE	-30 +250°C	Compatible with all elastomers, allowed for alimentary use, great chemical resistance	100 g 500 g

*NOTICE:Siliconical lubricants are not compatible to siliconic rubbers