



**Standard Lubricants – These sealants is to be used whenever possible for optimal performance.**

Lubricant no. PR	Colour of compound	Temperature Range		Recommendations
		C	F	
80	Black	- 10 + 180	+ 14 + 356	<b>Cold and hot water</b> up to 180°C, conditional up to 200°C. Cold and hot air. 50% lye up to 50°C conditional up to 100°C, 50% acids up to 50°C, inorganic saline solutions up to 100°C, steam conditional up to 200°C. Suitable for town gas, propane, butane and natural gas. Not suitable for gas condensate.
711	Black	- 10 + 225	+ 14 + 437	<b>Petroleum products.</b> Butane and propane (max 100°C). Gasoline, kerosene, asphalt and bitumen, oils and most hydrocarbon solvents. Also suitable for gases (max 170°C). Cold and hot air. Not suitable for hot water, strong alkalis and aromatic.

**Special Lubricants – Normally to be used only where the standard lubricants cannot be used**

Lubricant no. PR	Colour of compound	Temperature Range		Recommendations
		C	F	
40	Clear	- 10 + 100	+ 14 + 212	Cold and warm water. General aqueous Solutions. Alcohols.
45	Yellowish-beige clear	- 10 + 130	+ 14 + 266	For drinking water at max 100°C, beer, mineral water, milk, cocoa, cream, ammonia compound, acids and alkali disinfectant, fruit-acid and alcohol.
60	White	- 30 + 250	- 22 + 482	All diluted and concentrated acids and lyes, fluorine, chlorine, bromine, iodine, phosphorus oxychloride, ozone, hydrogen peroxide, all organic solvents (except hydrogen fluoride), all mineral, vegetable and animal oils and fats. Do not affect elastomers and plastics.
103	Green	- 30 + 200	- 22 + 392	General purpose synthetic sealant for liquid and gaseous aliphatic hydrocarbon service suitable for gasoline, kerosene, fuel oils, crude distillates, aviation and jet fuel, natural gas. Not suitable for steam, aromatic solvents, strong acids and alkalies.
280	Black	- 10 + 200	+ 14 + 392	Cold and hot air up to 200°C. Cold and hot water up to 180°C. Cold and hot gases up to 150°C. Not suitable for strong acids, petroleum products and aromatic and chlorinated solvents.
* 330	White	- 30 + 250	- 22 + 482	Hot water and gases. Natural gas, propane, butane, asphalt and bitumen. General chemical aqueous solutions eg. Alkalis and dilute acids. It is useful for hot air. Not suitable for light liquid hydrocarbons, aromatic and chlorinated solvents and strong mineral acids.

\* This type of lubricant ought to be avoided, if one of the other types can be used, as this contains silicone oil. The operating torque of the valve will increase considerable. For exceptional working conditions and services not mentioned in the tabel, please ask for further information.