

# Guidelines to the Use and Cleaning of Food and Pharma Rubber Hose

The hoses offered in our catalogue are manufactured in accordance with the best production practices, observing the international norms and specifications regulating this sector to guarantee safety, performance, quality and hygiene.

Transport, storage, handling, usage and media may contaminate the hose and affect its performance.

Therefore Parker recommends cleaning and sanitizing the hose prior to and after each use to maintain hose efficiency and prevent harmful contamination.

However our suggestions are superseded by specific local government regulations.

### Before the use of Food hose:

- Flush with drinking water at 20 °C for max 10 min
- Cleaning process with detergents/chemicals
- Rinse with drinking water at 20 °C for max 10 min
- Sterilization at 110 °C for max 30 min
- Rinse with drinking water at 20 °C for max 10 min
- Check to determine that all residuals have been eliminated

The frequency depends on the type of food and liquid conveyed and environment condition.

The frequency and time of exposure to detergents/disinfectants may compromise the service life of the hose. Thus we recommend regular inspection of the hose to evaluate its physical conditions. PTFE hoses can be cleaned with all the following media and conditions.

Media	Compound	Concentration	Temperature
Hot Water	NBR, UPE, EPDM, NR/SBR	-	Up to 95°C
	SILICONE		Up to 90°C
Steam	NBR, EPDM, NR/SBR	-	Up to 110°C – max 30 min
	UPE		Up to 130°C – max 30 min
	SILICONE		Up to 135°C – max 18 min
Caustic Soda	NBR, UPE, EPDM, NR/SBR	2%	Up to 85°C
		5%	Up to 25°C
	SILICONE	2%	Up to 65°C
		4%	Up to 25°C
Nitric Acid / Phosphoric Acid	NBR, EPDM, SILICONE	0,1%	Up to 65°C
		2%	Up to 25°C
	UPE	0,1%	Up to 85°C
		3%	Up to 25°C
Chlorine Acetic Acid	NBR, EPDM, SILICONE	1%	Up to 25°C
	UPE		Up to 40°C
Peracetic Acid	NBR, EPDM, SILICONE	1%	Up to 25°C
	UPE		Up to 40°C

For other cleaning media and support pls contact Parker