

CLEANING PROCEDURES FOR FOOD & BEVERAGE HOSE



Before first use, you should proceed as follows in order to prevent any alternation of your fluid.

- Flush and Fill hose with hot water 80°C (176°F).
- Keep water inside for minimum 10 hours.
- Then, clean hose using any of the following cleaning processes which should prevent early ageing of your hoses.

Advice for cleaning process

- Recommendations are based on maximum of 2 cycles a day (with maximum 15 mins. in total for the chemical cleanings).
- **Every cleaning cycle must be immediately followed by a complete cool water flush**
- For any other chemical or mix of chemicals, concentraion, duration, temperature and frequency, please contact us to select the best hose for your application.

		Tube Material				
Fluid	Max duration in total	Chlorobutyle (Brewery Hose)	FDA Nitrile (Oily Liquid)	FDA UHMW (Distiller)	FDA EPDM Rubber	PVC Tube and Hose
Hot water	max 20 minutes	90°C (194°F)	90°C (194°F)	90°C (194°F)	90°C (194°F)	60°C (140°F)
Steam (open end circuit)	2x's Max 20 min.	116°C (240°F)	116°C (240°F)	116°C (240°F)	116°C (240°F)	Do Not Steam Clean
Nitric acid	30 mins.	0.15% @ Room Temp	0.15% @ Room Temp	0.15% @ Room Temp	0.15% @ Room Temp	0.15% @ Room Temp
Phosphoric acid	15 min. Max	1% 85°C (185°F) 3% Room Temp	1% 85°C (185°F) 3% Room Temp	1% 85°C (185°F) 3% Room Temp	1% 85°C (185°F) 3% Room Temp	3% Room Temp
Sodium hydroxide	30 min. Max	2% at Room Temp	2% at Room Temp	2% at Room Temp	2% at Room Temp	2% at Room Temp
Hydrogen peroxide	30 min. Max	0.15% at Room Temp	0.15% at Room Temp	0.15% at Room Temp	0.15% at Room Temp	0.15% at Room Temp
Peracetic acid	15 min. Max	0.5% at Room Temp	0.5% at Room Temp	0.5% at Room Temp	0.5% at Room Temp	0.5% at Room Temp

Regular Checks	It is recommended to carry out regular checks on the hose (cover and tube) to make sure it is still safe of use as its original properties will eventually alter upon usage.
Storage	Keep away from (sun) light and heat.
Stagnation	Leaving product in hose can shorten life and increase breakdown
Be Careful	Do not use high pressure cleaning to wash inside the hose. Care must be taken to ensure that the chemicals used do not effect the hose tube. Therefore the temperature of the cleaning and the chemical concentration of the products used are critical.