

Novaflex®

Food Hose Cleaning

Recommended Cleaning Procedure

Novaflex® manufactures many different hoses for the transfer of food, cosmetics and pharmaceutical products. To ensure the longest safe service life of your hose, follow the cleaning recommendations below.

New Hose Cleaning – It is best practice to clean a new hose before its first use. This process provides a clean hose and helps eliminate or reduce any odor that is part of the polymer process.

First Use Cleaning Process

1. Flush hose with hot water
2. Fill hose with hot water and store hose for at least 10 hours
3. Empty hose and flush with clean tap water

After First Use Cleaning - Recommended Sanitation Processes	
Cleaning Agent	Temperature & Duration
Water	194°F (90°C) max for 20 minutes
Steam	2 times - supply 240°F (116°C) max steam to open ended hose
Use a Disinfecting Chemical	
Disinfecting Chemicals	Concentration, Temperature & Duration
Soda lye (NaOH)	2% max. at room temperature for 30 minutes
Hydrogen Peroxide (H ₂ O ₂)	0.15% max. at room temperature for 30 minutes
Nitric acid (HNO ₃)	0.5% max. at room temperature for 30 minutes
After - empty hose and flush with clean tap water	

Standard Cleaning – At regular intervals or after a specific transfer, the hose may be treated with an ordinary cleaning and disinfectant agent.

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 concentrations of the product used are critical (*).

Check the Novaflex Chemical Resistance Charts listed on the Novaflex® website at www.novaflex.com.

After cleaning, the hose must always be flushed with clean cool water.

(*) Typical effects of chemical attacks on hose tubes are: tube softening, gummy feeling or flaking of the tube.

(**) It is impossible to test every possible chemical and combinations of various chemicals with the hose tubes used in our hose. Therefore it is important that caution be taken when using new chemicals during cleaning process.

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