



Our ContiTech hoses are designed for the food, beverage, and cosmetic industries and have been manufactured to meet international industry standards. Hoses must be cleaned and stored properly in order to extend their life and remain safe to use.

## CLEANING BEFORE FIRST USE

Many hoses have a slight odor before their first use this is normal and can easily be eliminated with cleaning. Repeat all stages consecutively until odor is eliminated.

### Caution:

Do not apply excessive torque or tension to hoses. Hanging too many hoses together can cause hairline fractures.



### STAGE 1: PRELIMINARY CLEAN

1. Fill the hose with hot water and block the ends
2. Store the filled hose for at least 10 hours
3. Drain the water

### STAGE 2: SUPPLEMENTARY CLEAN

Select one cleaning agent from the chart below and use the suggested temperature and duration.

| Cleaning Agent | Temperature and Duration  |
|----------------|---------------------------|
| Water          | +90°C max. 20 minutes     |
| Steam          | 2X +130°C max. 20 minutes |

| Chemicals                                          | Temperature and Duration                  |
|----------------------------------------------------|-------------------------------------------|
| Soda Lye (NaOH)                                    | 2% at room temperature max. 30 minutes    |
| Hydrogen Peroxide (H <sub>2</sub> O <sub>2</sub> ) | 0.15% at room temperature max. 30 minutes |
| Nitric Acid (HNO <sub>3</sub> )                    | 0.5% at room temperature max. 30 minutes  |

### STAGE 3: RINSE

1. Rinse with potable water

## REGULAR CLEANING

Hoses need to be cleaned on a regular basis. Ordinary disinfectant or cleaner can be used (which to use depends on the material of your hose). You can schedule cleanings or simply clean after every use using your CIP procedure.

**Note:** Reduce chemical concentrations by at least 50% if you are disinfecting over a longer period of time.

## STORAGE

Between uses, clean hoses should be hung in a fashion where all liquid can easily drain. If caustic is trapped inside the hose it will shorten the lifespan of the hose. Avoid overly stretching or straining the hose when hanging it to avoid stress fractures.

For longer storage periods (days, weeks, or months), hoses should be hung in a dark, cool location with the ends capped with either plastic caps or Tri-Clamp end caps. Ensure that there is no liquid in the hose when you cap it.