

Guidelines for Infection Control

3M™ Elastomer Syringe
3M™ Penta™ Elastomer Syringe



| Device Category | Non-critical | Semi-critical | Critical |
|--------------------------------|------------------|----------------------|----------|
| Level of Disinfection Required | Low-intermediate | Sleeve/Intermediate* | High |
| Sterilization Required | No | No | Yes |

Always observe all applicable legal and reprocessing regulations. The guideline below provides a reference for cleaning, disinfection and sterilization where applicable. Refer to product Instructions for Use (IFU) for more detailed information including initial use recommendations: <https://hcbgulatory.3m.com>



Before Use Preparation

Place a protective sleeve over the syringe. Use the tip to pierce the end of the sleeve.



Helpful Hint

Extrude all the impression material within the syringe. Remaining unused material will harden in the syringe and be difficult to remove.



After Use Handling

After using the syringe, carefully remove the protective sleeve to avoid contamination. Disassemble the syringe. Unscrew the knurled nut and discard the application tip. Use the syringe plunger to push any remaining impression material out of the syringe body. Clean the tube with a clean, dry brush.



Pre-Cleaning

Remove gross impurities from all parts immediately after use. Rinse all parts under water for at least one minute.



Cleaning the syringe body

Clean the outside of the syringe with a ready-to-use disinfectant wipe (e.g. alcohol-quaternary ammonium active ingredient) until no contamination is visible.

Cleaning the knurled nut, plunger and handle (Choose ONE method)

Manual:

Immerse parts in enzymatic detergent and brush all surfaces (inside and outside of parts) with a soft brush. After cleaning, rinse thoroughly and dry.

- or -

Ultrasonic:

Submerge the parts in enzymatic detergent and sonicate for 10 minutes. After cleaning, rinse thoroughly and dry.

*Syringes should be used with a barrier sleeve since they cannot be high-level disinfected or sterilized.



Disinfection

Disinfect the outside of the syringe with an intermediate level disinfecting wipe (e.g., alcohol-quaternary ammonium active ingredient) for the recommended contact time indicated on the wipe label.



Completely submerge the knurled nut, plunger, filler, and handle of the syringe in an OPA (O-phthalaldehyde) disinfectant solution for the recommended time of the disinfectant manufacturer. Remove from the disinfectant solution, rinse thoroughly and dry.



Precautionary Measures

Do not place the metal or plastic tube into a disinfection bath or a cleaning/disinfection device (washer-disinfector).



Check

Check all parts of the syringe for discoloration, and contamination before every use and discard damaged parts. If the syringe is visibly contaminated, it must be cleaned and disinfected again.



Failure to properly use a barrier sleeve and follow the outlined infection control procedure may result in a device that has surviving infectious organisms that may present a risk to both future patients and the oral care professional.

