



Cleaning and Sterilization for MPR Total Knee Boots

Recommended hand cleaning instructions

Soak the product in an enzyme solution. Follow the manufacturer's directions for dilution and soaking time.

Impacted material should be scrubbed out; however, steel wool or abrasive soap cleaners should not be used as they may scratch the surface finish of the device.

Rinse the product in warm tap water.

Soak or wipe the product down with a hospital approved and/or EPA approved germicide.

Rinse the product in warm tap water.

Wash the product with an instrument detergent up to a pH of 9.0.

Rinse the product in warm tap water.

Dry thoroughly and wrap.

Note: Plates with the full weld can follow instructions as above.

Note: Please take this extra step if your plate has screws: Screws that hold the slotted hooks to the base plate may be loosened so that the hook brackets can be removed to thoroughly remove debris.

Washer Cleaning Instructions

Place items through decontaminator /washer, per the manufacturer's instructions.

Prepare items for sterilization.

Note: The device must be cleaned prior to sterilization.

Recommended Sterilizer Instructions

Sterilize components based upon your facilities protocol.

Ensure that all parts are thoroughly cleaned.

Sterilize with the boot detached from the base plate

Do not place in a milk bath or lubricate.

Sterilizer Type: Pre-Vacuum Steam Sterilizer

Temperature: 132° C / 270° F
Minimum Cycle Time: 4 minutes
Minimum Drying Time: 30 minutes

Can accept a dry time according to your sterilization equipment's manufacturing instructions for Delrin products (composite boot system).

Can be pre-vacuum steam sterilized unwrapped or double wrapped in two disposable/reusable wraps. Run normal vacuum cycle for your institution.

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Carbon Fiber Boot Positioning

To maximize the longevity and functionality of the Carbon Fiber Boot, it is advised to utilize one of the two following orientations during sterilization (see fig. 1).

Position the boot on the cleaning surface such that the metal plate and the toe of the boot are flush and level. Alternatively, position the boot so that the heel and the metal plate are flush and level with the cleaning surface (see fig. 1).

Adhering to either of these two positions ensures that the boot is uniformly supported, thereby minimizing potential stress to the boot. Deviating from these recommended positions, such as having only the toe and the heel touch the surface, or laying the boot on its side, may lead to deformation or other adverse effects that could compromise the boot's functionality and longevity. (Refer to the figures below for further clarification)

Recommended

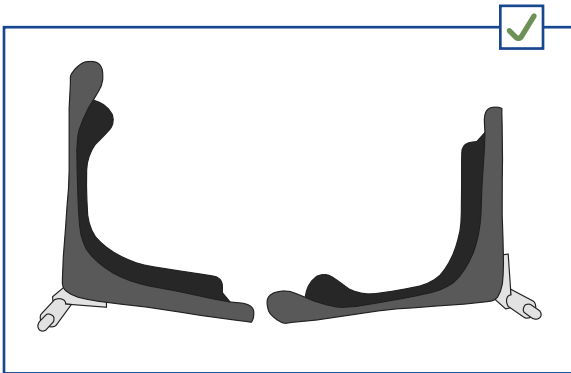


Fig. 1 | Recommended sterilizing positions

Not Recommended

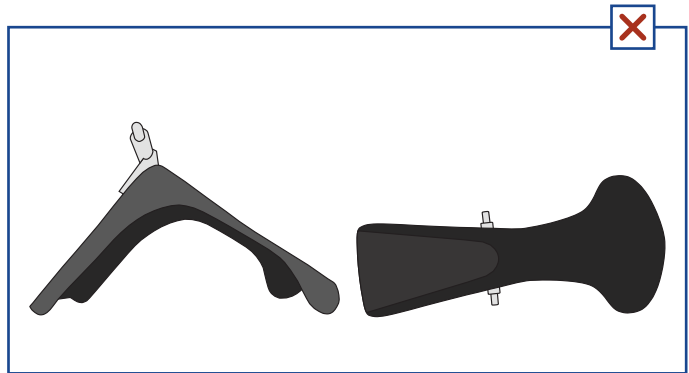


Fig. 2 | Non-Recommended sterilizing positions