

MATTRESS DISINFECTING INSTRUCTIONS

This document covers mattresses and covers made from the following materials:

- Polyurethane
- Polycarbonate
- Lectrolite

Wipe down with one of the non-aggressive, disinfectant cleaners listed below. Curbell's mattress covers were tested with these cleaners, and none were found to cause fading or damage to the material. If your disinfectant is not listed below, please contact Curbell.

- ▶ 3M®: Quat Disinfectant Cleaner
- ▶ Advanced Sterilization Products: Cidex®
- ▶ Airkem: A456-N
- ▶ Caltech®: Dispatch®
- ▶ Clorox®: Healthcare Bleach Wipes*
- ▶ Cosco: Tincture of Green Soap
- ▶ Diversey: Oxivir® Tb
- ▶ Dutch® Plus Safety Cleaner
- ▶ Ecolab®: A-456-II Disinfectant Cleaner
- ▶ Isopropyl Rubbing Alcohol 70%
- ▶ METREX: Cavi-Wipes™
- ▶ METREX: Cavicide™
- ▶ Misco Products Corp. (MPC): Hi-Con PF3
- ▶ PDI®: Super Sani-Cloth® Plus
- ▶ Spartan®: SD-20
- ▶ Spartan: Hepacide Quat II
- ▶ Sporidicin®: Sterilization Solution
- ▶ Steris: Coverage Wipes Plus
- ▶ Stryker®: Sidekick Disinfecting Wipes
- ▶ Veridien: Viraguard® Wipes
- ▶ VIROX®: Accel
- ▶ VIROX: 256
- ▶ Wayne®: Concept 256N Disinfectant

Cleaning and Disinfecting

Proper cleaning and disinfecting will prolong the life of your mattress and protect your patients from exposure to bodily fluids, germs, and bacteria.

1. Inspect your mattresses for signs of damage like cuts, tears or cracks. If just the cover is damaged, it can often be replaced. If the mattress core has been compromised, you should replace the entire mattress.
2. Make sure that the surface where you are cleaning the mattress, like the bed frame or table, is first cleaned and disinfected. Either way, the bed frame should also be cleaned and disinfected whenever the mattress is cleaned.
3. When cleaning the mattress, all surfaces, including inside the zipper flap, should be thoroughly cleaned with mild soap and water and a soft cloth to remove dirt and foreign substances.
4. After cleaning, it's important to wipe down the entire surface with a non-aggressive disinfectant. Note that not all mattress cover materials are compatible with all disinfectants, and using the wrong cleaner can reduce the useful life of the mattress.
5. Follow the instructions found on the disinfectant label to make sure it's being used properly.
6. When using bottled disinfectants check if they are intended to be diluted before use. Using them at full strength can shorten the life of the mattress.
7. Apply the disinfectant to all surfaces and thoroughly wipe them down with a soft cloth.
8. The instructions for the disinfectant may mention the "dwell time" or "contact time". This is the amount of time that a surface must remain wet to allow the chemical to be in contact with an organism in order to kill it. Make sure you let the disinfectant do its job before wiping it off. Don't allow the disinfectant to pool on the surface longer than the suggested dwell time, and don't allow the disinfectant to dry on the surface.
9. After the dwell time has been reached, thoroughly rinse the mattress with clean warm water, then allow it to air dry. You can tell if the surface has not been properly rinsed when you see a powdery residue left on the surface.

POLYURETHANE VS. POLYCARBONATE MATTRESS COVERS

Polyurethane:

- ▶ Economical choice and most widely used in the industry
- ▶ Susceptible to damage by aggressive disinfectant chemicals which shorten the useful life

Polycarbonate:

- ▶ Approximately 20% more expensive than Polyurethane
- ▶ Can tolerate many aggressive disinfectant chemicals

Washing	Polyurethane	Polycarbonate
Hand Wash: use warm soapy water to remove foreign matter	Yes	Yes
Machine Wash	No	No

Disinfection

Alcohol Based	Yes	Yes
Chlorine Based	No	Yes
Bleach	Strongly Diluted	Yes
Phenol	Strongly Diluted	Yes
Peroxide Based	No	Yes
Quaternary Ammonium	Yes	Yes
Cover materials must be rinsed with pure water after the disinfectant manufacturers recommended contact time.	Yes	Yes
Some disinfection chemicals will cause polyurethane to swell. Any swelling of the coating is likely to leave it more susceptible to abrasion (damage)	Yes	N/A
Sterilization/autoclavation	No	No

Drying

Air dry	Yes	Yes
Machine dry (tumbling)	No	No

Other Features

Color	Blue	Blue
Hypo-allergenic	Yes	Yes
Anti-microbial	Yes	Yes
Fade-resistant	Yes	Yes
Shear-resistant breathable bi-directional stretch	Yes	Yes
Replacement covers are also available separately	Yes	Yes
Available with 0, 2, or 4 tapered corners	Yes	Yes
100% High density, anti-microbial, medical-grade polyurethane foam	Yes	Yes
Non-slip PVC-coated poly knit bottom	Yes	Yes
Sewn-in hook and loop positioners on the bottom	Yes	Yes
Easy to clean, stain-resistant, and durable	Yes	Yes
Fully sealed to prevent fluid ingress	Yes	Yes
Zipper along one side (flap protects the foam core)	Yes	Yes
Cover and foam have added fire retardants (meets CAL 117)	Yes	Yes
Two-way stretch (polycarbonate will feel like it has less stretch than polyurethane)	Yes	Yes
Three year warranty	Yes	Yes