

Clorox Healthcare® UV Compatibility Overview

A Note On UV-C and Surface Compatibility

The Clorox Healthcare® Optimum-UV Enlight® System has no known surface compatibility issues when used as directed. Although UV-C, like any form of light, can in theory cause cosmetic surface changes to some materials with heavy long-term exposure, in practice Clorox has not observed any cases of discoloration or damage on hospital surfaces or equipment from the use of our UV-C system. In partnership with our manufacturer, UVDI, Clorox has conducted UV-C degradation testing on a wide range of materials commonly found in a hospital setting and found no damage upon exposure to UV-C.

If you are interested in using Clorox Healthcare® products on a surface that is not listed below, please contact your Clorox Healthcare sales representative.



3-Star System

- ★★★ No visible surface damage or effect on the material is likely to occur when used according to manufacturer's instructions. Some surface aesthetic impact such as discoloration or etching may be seen with long-term* exposure, but no change to the integrity of the material is expected.
- ★★ Some surface aesthetic impact such as discoloration or etching may be seen with short-term† exposure. Little to no effect on material integrity is expected. Minimizing exposure by running the device for the shortest manufacturer recommended cycle times can help minimize impact.
- ★ Visible damage to the surface is likely to occur with short- or long-term exposure and some effect on material integrity is possible. Minimizing exposure by running the device for the shortest manufacturer recommended cycle times can help minimize impact. Users should evaluate the risk of surface damage vs. the benefits of UV-C efficacy against pathogens to determine whether the product is appropriate for use on these materials.

* long term UV-C use is defined as more than 2 years of standard patient room terminal cleaning. Testing was conducted up to the equivalent of 13 years of standard patient room use.
† short term UV-C use is defined as 2 years or less of standard patient room terminal cleaning.



Clorox Healthcare® UV-C

Surface

Examples

	Surface	Examples	
POLYMERS	Acrylics (PMMA)	Phone displays, incubators, X-ray protective shields, isolettes	★★
	ABS	Keyboards, pumps, medical devices for blood access, enclosures for electrical and electronic assemblies	★★
	High-Density Polyethylene (HDPE)	Packaging, trays, bottles, and other industrial plastic products	★★★
	Polycarbonate (PC)	Medical Devices	★★
	Polypropylene (PP)	Hard molded plastic used for bottles, trays, device exteriors	★★
	Polyurethane (PU)	Upholstery, lights, tubing, mattress covers	★★★
	Polyvinylchloride (PVC)	Furniture, mattress covers, tubing, floors	★★★
	Vinyl	Floors, furniture	★★★
	Computer Monitor	Electronic Screens	★★★
GLASS	Glass	X-ray shields, glass partitions	★★★
METALS	Stainless Steel 316	Sinks, wheelchairs, bed frames, cabinets, carts, trolleys, furniture, fixtures, equipment, counters	★★★
HARD, POROUS SURFACES	Glazed Ceramic	Glazed ceramic	★★★
	Formica®	Countertops	★★
SOFT SURFACES	Polyester (100%)	Privacy curtains	★★★
	Polyester/Cotton Blend (50/50)	Scrubs	★★

Updated Dec 2017



For more information, contact your Clorox sales representative or call 800-234-7700. email: UV@clorox.com visit us: www.cloroxhealthcare.com/UV

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