

# Surface Compatibility Comparison

## Between Peak™ Alcohol-Quat Disinfectants and AHP® Disinfectants

**Compatibility Grading Key\*\***

A = Excellent. No effect to integrity of material.

B = Good. Minor effect, slight discoloration. Damage judged to not affect material performance and not aesthetically objectionable. Periodic rinsing is optional.

C = Fair. Moderate effect, not recommended for continuous use. Softening, loss of strength, swelling may occur, appearance is aesthetically objectionable. Check with manufacturer of device/surface. If used, rinsing and drying after each application is recommended.

Test Materials	Peak Alcohol-Quat® EPA Reg. No. 88494-3	Accelerated Hydrogen Peroxide** (AHP®)	Example Applications
ABS Plastic	A	A	keyboards, X-Ray shields, medical devices, pumps, phones, incubators, electrical / electronic assembly enclosures
Anodized Aluminum	A	C	door trims, appliances, drawers
Brass	B	C	valves, pipe fittings, wiring, hardware
Bronze	B	B	valves, pipe fittings, door hardware
Carbon Graphite	A	C	coatings, sensor coatings
Ceramic	B	A	floors, counters, containers, coatings
CPVC	A	A	furniture, tubing, mattress covers, floors
Delrin (Polyoxymethylene)	A	C	instruments, prosthetics
Fluoro Rubber (FKM / FPM)	A	A	hose fittings, protective gloves, linings, diaphragms, cable insulation
High Density Polyethylene (HDPE)	A	A	containers, packaging trays, bottles, wood board substitutes, industrial plastic products
Low Density Polyethylene (LDPE)	A	A	containers
Natural Rubber	A	A	hose fittings
Plexiglass Acrylic	A	A	containers, phone displays, incubators, X-Ray shields, isolettes
Plexiglass Lucite	A	-	containers, dishware
Polycarbonate	A	A	covers, shields, vehicle dividers, housings, IV connectors
Polyphenylene Sulfide (PPS)	A	A	medical fibers, membranes
Polyphenylene Ether	A	A	bottles, containers, tanks, tubes, fittings, gloves
Porcelain	A	A	tiles, counters, bathtubs, toilets, sinks
PTFE/ Teflon	A	A	bearings, gears, plates, meshes, gauges
PVC	A	A	all kinds of plastic/vinyl surfaces
Silicone Sealant	A	A	seals
Silicone Rubber	A	A	adhesives, laminates, hoses
Stainless Steel Grade 304	A	A	instruments
Stainless Steel Grade 316	A	A	instruments, sinks, wheelchairs, bed frames, cabinets, carts, furniture, fixtures, equipment, counters, trolleys
Titanium Grade 5	A	A	instruments, medical devices
Vinyl	A	B	some dental chairs, exam tables, other upholstered surfaces

\* Based on 2023 testing results published by American Infection Control, Inc.

\*\* Based on 2014 testing results published by Sealed Air Corporation / Diversey

Notes: All products should be tested on a small inconspicuous area before general use. All results cited above based on repeated surface testing and are cumulative over time. All registered disinfectant products must be used in accordance with the individual product printed label instructions for that product.

Alcohol-based disinfectants should not be used on optical coatings or on painted wood surfaces