



# Disinfecting Tablets



## Disinfection for Universal Health Material Compatibility Report

### Material Compatibility Overview

Altra Disinfecting Tablets combine NaDCC with a compatible detergent for an optimum cleaning and disinfection result. The 1<sup>st</sup> product approved by the EPA as effective against biofilm, in recent studies Altra Disinfecting Tablets have been shown to effectively limit the transmission of *Staphylococcus aureus* and *Clostridioides difficile*<sup>1</sup>

This overview will help to understand the compatibility of Altra Disinfecting Tablets with common materials found within a healthcare or general cleaning environment. The information is based on laboratory tests designed to simulate long term use. The rating system is a guide only, surface material may vary giving differential compatibility results.

When in doubt, test product on a clean, dry, inconspicuous area prior to use.

Remember to always read and follow guidelines provided by manufacturers. Instructions for use may vary depending on the required solution concentration and contact time.

<sup>1</sup> The Impact of a Continuously Active Disinfectant on Bacterial Surface Concentrations and Biofilm Growth  
<https://www.infectioncontroltoday.com/view/continuous-acting-disinfectant-appears-to-work-better-on-surfaces>

4 STAR SYSTEM		
★★★★	Excellent Compatibility	<b>4 Stars:</b> The integrity of the material is not compromised (no visible effect on material will likely occur when manufacturer instructions for use are followed.)
★★★	Good Compatibility	<b>3 Stars</b> denotes some clouding may be seen with long term exposure, little to no effect on material integrity
★★	Adequate Compatibility	<b>2 Stars</b> & under visible surface damage with longterm exposure, some effect on material integrity possible
★	Poor Compatibility	(to reduce the risk of damage, wipe surface with clean damp cloth after contact time has been achieved)

Contact our team if you need further information on the science of NaDCC, NaDCC products or the compatibility of a material that is not listed below: [altrasolutions.com/contact](https://altrasolutions.com/contact)

Altra Disinfecting Tablets: EPA Reg. No. 71847-7

# Material Compatibility Overview

## Polymers

Material	Examples	Available chlorine generated from NaDCC (ppm)			
		1076	2153	4306	5382
Polytetrafluoro ethylene (PTFE)	Teflon	★★★★★	★★★★★	★★★★★	★★★★★
Ultra high molecular weight plastic	UHMW wear strips	★★★★★	★★★★★	★★	★★★
Polyurethane	Upholstery, lights, tubing, mattress covers	★★★★★	★★★★	★★	★★★
Polyvinyl chloride	Furniture,mattress covers, tubing, floors	★★★★★	★★★★★	★★★★★	★★★★★
Nitrile	non-latex gloves	★★★★★	★★★★★	★★★★	★★★★★
Neoprene rubber	Orthopedic braces	★★★★★	★★★★★	★★	★★
Acrylics (PMMA)	Phone displays, incubators X-ray, protective shields, isolettes	★★★★★	★★★★★	★★	★★
High density polyethylene (HDPE)	Packaging, trays, bottles, and other industrial plastic products	★★★★★	★★★★★	★★★★★	★★★★★
Acetonitrile butadiene styrene (ABS)	Keyboards, pumps, medical devices for blood access, enclosures for electrical and electronic assemblies	★★★	★★★★	★★★★	★★
Polypropylene (PP)	Typical hard molded plastic used for bottles, trays, device exteriors	★★	★★	★★★★★	★★★★★
Tritan Copolyester	Clear polymer device components	★★	★★	★★★★	★★★
Tygon	Thermoplastic tubing	★★	★★★★	★★	★★
Polyurethane coated nylon	Water resistant fabric	★	★	★	★
Polyurethane coated polyester	Water resistant fabric	★	★	★	★
Polycarbonate	Safety Glasses	★	★	★	★
Marlite fiberglass reinforced plastic	Wall panels	★★	★★	★★	★★
Vinyl (3-Ply mattress)	Floors, Furniture	★★	★★	★	★

## Material Compatibility Overview

### Glass

Material	Examples	Available chlorine generated from NaDCC (ppm)			
		1076	2153	4306	5382
Etched glass	Wall panels, bathroom/shower enclosure	★★★★★	★★★★★	★★★★★	★★★★★
Sapphire glass	Device screens protective covers	★★★★★	★★★★★	★★★★★	★★★★★
Flat screen tv		★	★★	★★	★★

### Metals

Material	Examples	Available chlorine generated from NaDCC (ppm)			
		1076	2153	4306	5382
Aluminium	Walkers, isolation carts, seating	★★★★★	★★★★★	★★★★★	★★★★★
Stainless steel 304	Food grade steel	★★★	★★★	★★★	★★★
Stainless steel 430	Cabinet panels	★★★	★★★	★★★	★
Copper	Sinks, stretchers, and IV poles	★★★	★★★	★★	★★
Titanium	Surgical Instruments	★★★	★	★	★★★★
Brass	Decorative items, pipe fittings	★	★	★★	★★
Galvanized steel	Carts, ductwork, pipes, nails, bolts	★	★	★	★
Stainless steel 316	Sinks, wheelchairs, bed frames, cabinets, carts, trolleys, furniture, fixtures, equipment, counters	★★★	★★★	★★★	★★★

## Material Compatibility Overview

### Non Porous Surfaces

Material	Examples	Available chlorine generated from NaDCC (ppm)			
		1076	2153	4306	5382
Porcelain Enamel	Coatings on metal appliances, bathtubs	★★★★★	★★★★★	★★★★★	★★★★★
Glazed ceramic	Tiles	★	★	★	★
Glazed porcelain	Bathroom tiles, toilets, sinks	★	★	★	★
Sealed granite	Decorative countertops	★★★★★	★	★★	★★★
Corian	Countertops	★★★★★	★★★★★	★★★★★	★★★★★

**ALTRA**

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