

Patented Technology for Elimination of Harmful Surface Bacteria

- Up to 90 days of protection
- Alcohol-free
- Durably bonded antimicrobial
- Odorless and colorless
- Long shelf life
- Highly stable, no special storage requirements

What is Novālent®?

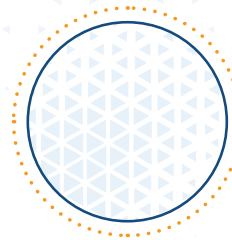
- Bacteriostatic, fungistatic, and algaestatic
- Registered with the EPA for use as a food contact surface treatment
- Durable antimicrobial, lasting up to three months
- Bonds to almost any surface and inhibits the growth of bacteria
- Functionalized micro-coating actively inhibits microorganisms in the dry state, when traditional disinfectants no longer do

What microorganisms does Novālent® protect against?

Laboratory tests have shown Novālent® to protect surfaces against a variety of bacteria and fungi, including but not limited to: Human Coronavirus 229E, Listeria Monocytogenes, E. Coli O157:H7, Salmonella Enterica, Campylobacter, Pseudomonas Aeruginosa, Staphylococcus Aureus, Aspergillus Niger/Flavus, Cladosporium, and Penicillium Funiculosum.

How it works

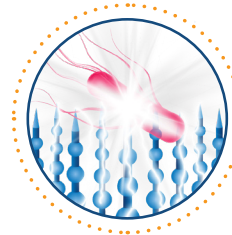
- Novālent® is applied to any clean, dry surface by spraying.
- Once dry, it forms a covalent bond with the surface, forming a protective microbiostatic layer of positively charged long chain molecules.
- Pathogens, spoilage bacteria, and other harmful microorganisms are attracted to the positively charged ion and through lysis of the cell wall, the cell is destroyed.
- Because this is a physical disruption, the destroyed cell cannot mutate or replicate, thus avoiding the possibility of developing antimicrobial resistance.



Technology bonds to surface immediately after application



Biostatic shield of carbon atoms appears



Shield continuously ruptures harmful microbes that come in contact with it