



Silverion AC+

Powered by Ultrapel Microb 150 AB

SAFE. SCIENTIFIC. SELF-SANITISING.



■ INTRODUCING

Our Silverion AC+ super charges your existing air conditioner enabling it to kill 99% of the bacteria and viruses it filters.

Silverion AC+ solution can be sprayed or applied by dipping to any type of clean air conditioning filter media whether automotive, residential or HVAC. Once dry, a protective nano coating disinfects the air killing the viruses and bacteria while also protecting the filter from other pathogens like mould, dirt, fungi and dust. The coating has antimicrobial and low surface energy properties which also repel water keeping your filter clean and dry. Silverion AC+ converts your everyday air conditioner into a powerful air purifier without needing to purchase expensive additional equipment.

Distribution Partner -



KEY FACTS

- Antiviral and antibacterial
- Protects against mould, dirt, yeasts and other fungus
- Easily applied to any filter media of any size
- Fast drying
- Cost efficient and effective
- Odourless
- Hydrophobic
- Breathable
- Complies to CIS and ISO standards

■ ABOUT SILVERION

A hygienic long-lasting odourless protective barrier that works around the clock to create cleaner air in the places we work, live and play.

We provide innovative and scientifically proven anti-microbial coatings and barriers that protect people and surfaces using the power of nanotechnology.

We provide innovative and scientifically proven anti-microbial coatings and barriers that protect people and surfaces using the power of nanotechnology. Our patented product range provides clean, odourless, long-lasting and effective surface protection against bacteria and viral microbes. Our invisible barriers work continuously to protect your environments 24/7. Our protective coatings and barriers complement existing hygiene and cleaning processes to provide the ultimate 24/7 protection in workplaces, leisure environments and homes.

Recommended for:

WORKPLACES	LEISURE AND TOURISM	EDUCATION, CHILDCARE AND AGED CARE
Offices	Shopping centres	Aged care residences
Shops	Theme parks	Assisted living
Government facilities	Cinemas	Retirement villages
Factories	Hotels	Childcare centres
Transport	Restaurants	Kindergartens
Building sites	Transportation	Schools
Hotels and restaurants	Airports	Universities
	Public spaces	Colleges



WATER BASED



BREATHABLE



ODOURLESS



SAFE

Our patented polymer combines optimum levels of quaternary ammonium salts (Quats) and centuries old Silver Ion science to create safe long-lasting protection from 99% of bacteria and viruses.

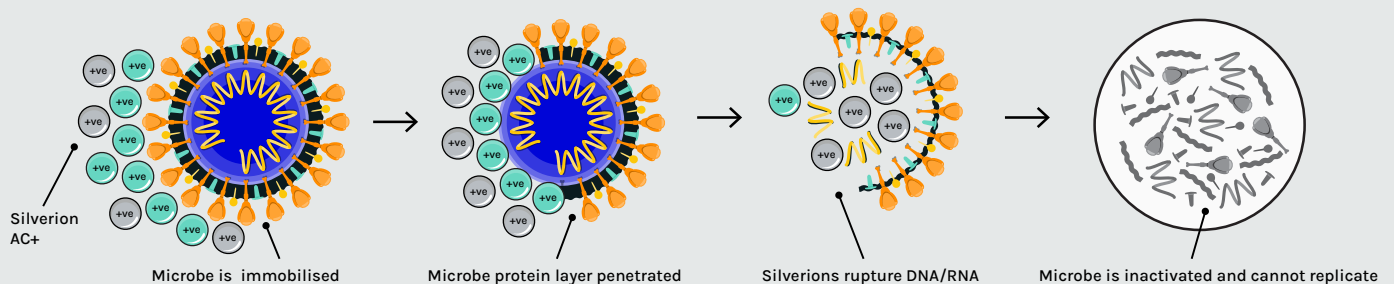
Summary

Silverion AC+ contains a unique polymer which is created with the combination of silver nanoparticles and non-migratory quaternary ammonium salt disinfectant. When microbes such as bacteria, virus, mould and mildew come in contact with the coated surface, the extremely effective combination depletes them by disrupting their ability to generate energy, slowing growth and ultimately causing die off.

Key

+ve Quats

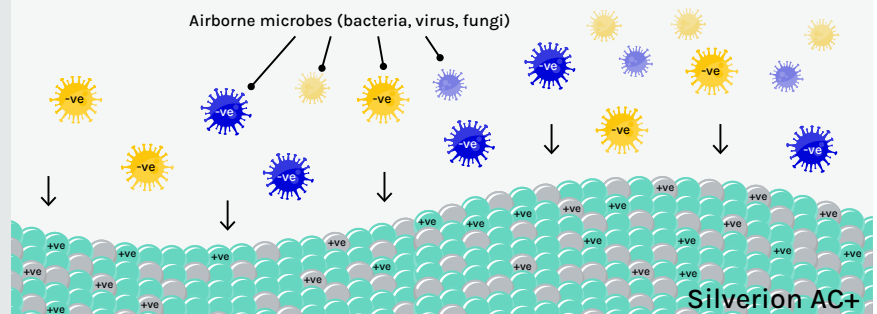
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The process consists of 3 stages:

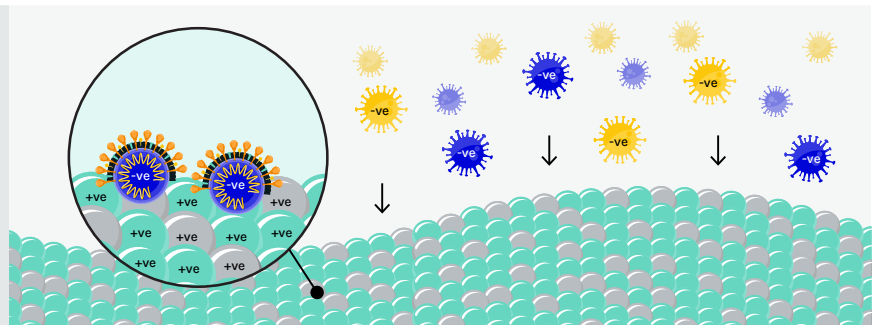
1.

When microbes such as bacteria, viruses and fungi which are negatively charged come into contact with our protective coating, the positively charged Quats contained in the polymer immobilise the microbe.



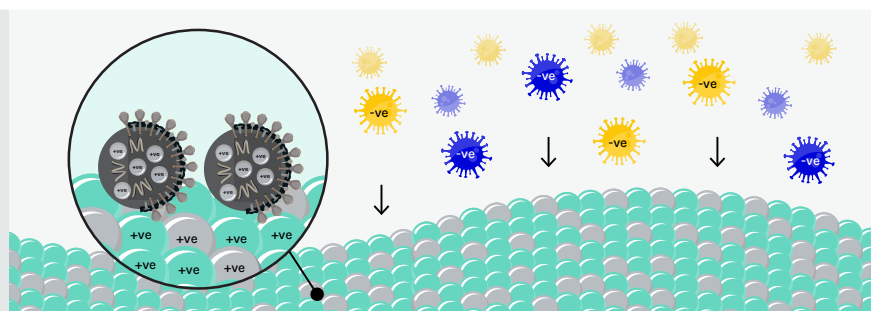
2.

Quats or Silver nano particles dissolves the outer protein layer of the microbes.



3.

The silver ions are now able to inactivate the microbe and rupture the RNA in a virus or DNA in bacteria which prevents them from replication.



Who we help?

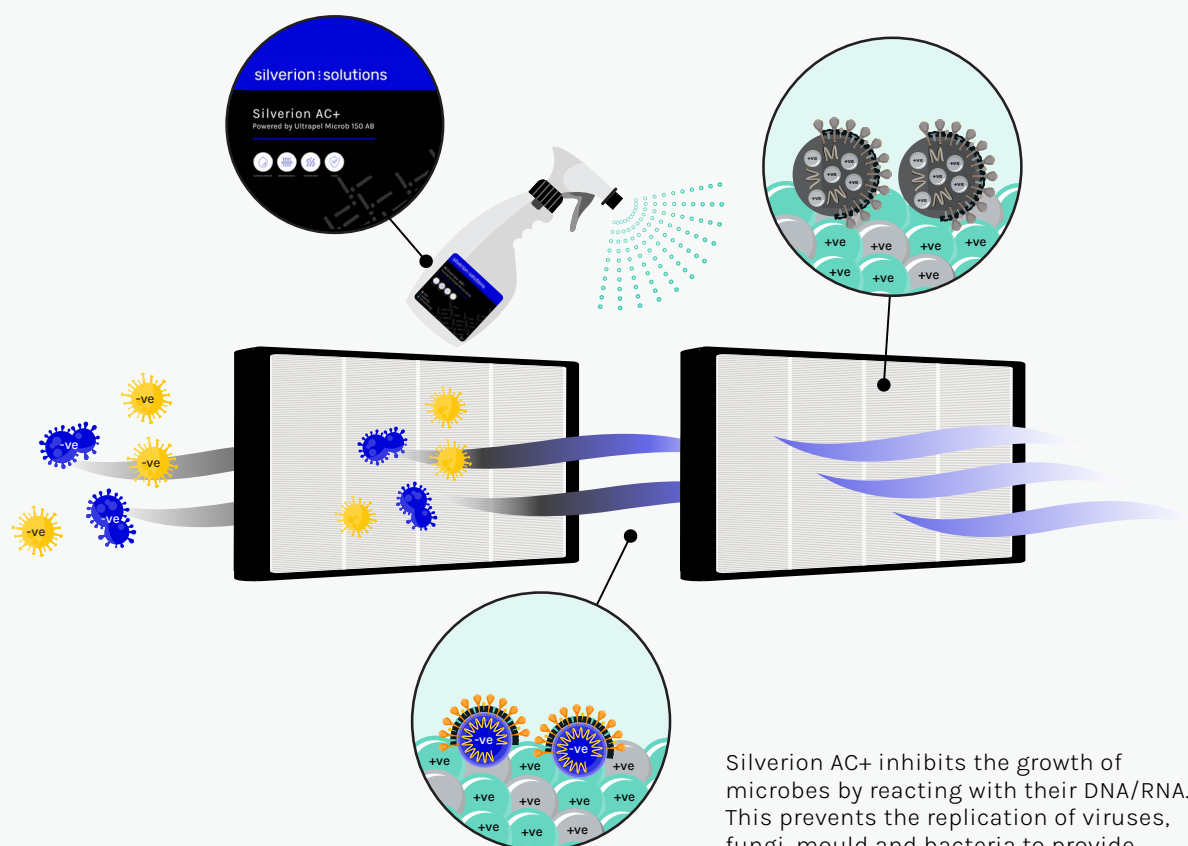
Our products create healthier Covid-19 free environments and are safe for humans, pets and all surfaces.

Silverion solutions products are safe, do not leach and are specifically designed for use in homes, workspaces, schools and educational institutions, tourism and leisure facilities and shared public spaces. Our products are coming to market at a time when hygiene and protection against bacteria and viruses has never been a higher priority for humans and businesses alike.

How it works?

Silverion AC+ Treated Filters actively kill the bacteria and viruses that contact the filter.

- Kills virus, bacteria and microbes on filter
- Reduces odours
- Circulated air is cleaner
- Lasts for 1 year or 5-10 washes



Silverion AC+ inhibits the growth of microbes by reacting with their DNA/RNA. This prevents the replication of viruses, fungi, mould and bacteria to provide protection and cleaner air.

Key Features

- Patented, proven, unparalleled, exclusive antimicrobial nanotechnology
- 24/7 self-sanitising filter coating that can be applied (via spray or dip) to any air- conditioning filter – automotive, HVAC or domestic
- Born from water, a breathable antimicrobial nanocoating for air conditioning filters that is 99.9% effective in protecting against viruses, bacteria, mould, fungi and yeasts.
- Protection is long-lasting 5 filter washes
- This is not a disinfectant it is a protective self-sanitising layer



Key Benefits

- NSW is on the cusp of return to work/leisure/transport/school/ hospitality/events/normal life
- People want to understand how they are being protected
- Enables you to market to your clientele that you have AC+ hygiene protection in place on signage, advertising, social media, email marketing
- Inexpensive ongoing solution for the lifetime of the technology
- Can be applied by service technicians to replacement filters prior to going on site
- Importance of hygiene and virus transmissibility has never been better understood or more relevant
- Our base product has combined the penetrative power of quaternary salts with the antimicrobial strength of silver ion particles in one stable, active ingredient
- Leaching is minimal in our product versus other QS products with higher concentrations
- Providing better air quality during the pandemic and next phase – very important while we “live with COVID”
- Airborne transmission is also well understood – the reduction of the overall viral load is a priority as it makes transmission harder
- Anti-dust properties of the coating also helps with allergies
- Illness (and even symptoms of minor illness) are an inconvenience in current environment
- Clean air and virus-free spaces using an antimicrobial air conditioning filter that results in better hygiene and better health.
- No need to purchase any additional AC or air purification equipment
- Forms a part of a simple AC maintenance routine
- Minimal downtime to perform, can be scheduled around peak hours
- Part of an overall system of best practice hygiene protection for surfaces, air, floors, walls and fabrics

Application Guidelines

The application of the coating should be conducted under normal temperature and generally hygienic and ventilated conditions.

Surface Preparation

Surface must be free from dust, dirt, and any other foreign substances and be perfectly clean and dry before application.

Cleaning

Clean all tools and spills with water immediately after application.

Potential Applications

- HVAC filters
- Air filters
- Air purifiers

Product Specs

- **Coverage:** 10-12 sqm / ltr (subject to application method and surface)
- **Product Shelf life:** 12 months from date of manufacturing
- **Available pack size:** 1 ltr, 5 ltr and 20 ltr

Our other products:



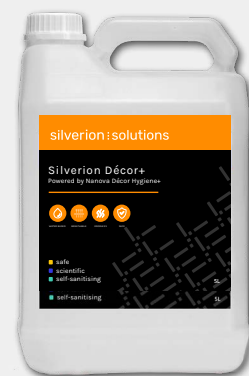
SILVERION HYGIENE+™

Invisible self-sanitising microfilm protecting all surfaces from microbes using silver ion technology and nanoparticles for up to 90 days.



SILVERION FABCARE+

Protect fabric from germs, stains and damage including furnishings, textiles and upholstery with a water-based, highly effective antimicrobial formulation.



SILVERION DECOR+

Wall paint that is anti-bacterial, anti-microbial, anti-viral, fast-drying, premium, water-based and 100% safe for humans and pets.