

SilverClear™ 

**The most powerful & cost-effective
antimicrobial solution**

Kills microbes

Accelerates healing

Neutralizes odours



Silver serving the people

SilverClear™, an antimicrobial, therapeutic and anti-odour solution, is the result of a patented technology developed by a team of medical researchers, manufacturers and professionals seeking a silver-based solution to heal severe burns and chronic wounds.

The product's performance and the exceptional results obtained in treating severe burns made SilverClear™ an instant success. To enable manufacturers and users from other industries to benefit from this revolutionary finishing product, our researchers worked to diversify its uses by developing a full range of innovations for a wide array of materials.

- **Textiles** (woven, non-woven, knit fabrics, carpets, etc.)
- **Apparel** (clothing, outerwear, lingerie, underwear, etc.)
- **Disposable and reusable medical products** (dressings, towelettes, garments, etc.)
- **Cosmetics** (soaps, gels, creams, etc.)
- **Cleaning products** (disinfectants, detergents, etc.)
- **Paint, wood, plastics and polymers**
- **Miscellaneous** (furniture coverings, domestic products, sports equipment, etc.)



SilverClear™, a revolutionary antimicrobial finish

Key Benefits

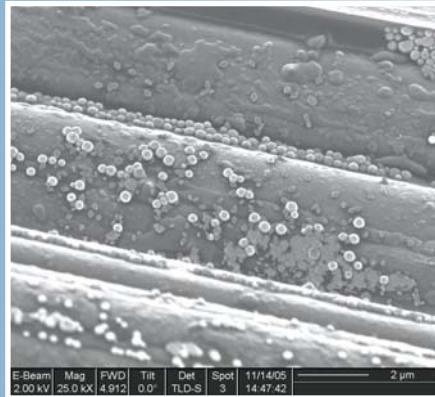
- Kills microbes rapidly
- Accelerates healing
- Neutralizes odours

Special Characteristics

- Ecological
- Versatile
- Durable
- Easy to apply
- Doesn't affect the touch

Antimicrobial Properties

- Antibacterial
- Antifungal
- Antiviral
- Anti dust mites
- Bactericide
- Bacteriostatic



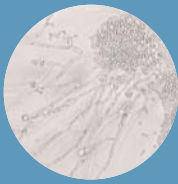
Quality, Performance and Consistence

To offer cost-effective products that comply with industry-specific standards (ASTM, AATCC, etc.), SilverClear™ products are constantly tested by independent and certified laboratories. Since they are used in hospitals and clinics, SilverClear™ treated dressings are approved by Health Canada for Class II medical use.





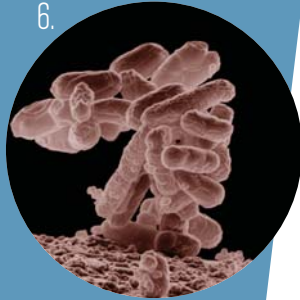
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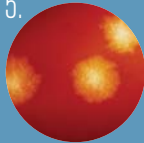
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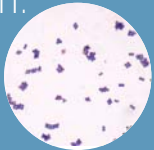
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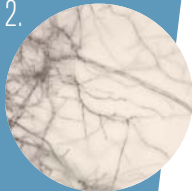
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Antimicrobial

SilverClear™ instantly kills microbes.

A wide array of tests in independent and certified laboratories have proven that SilverClear™ kills the following microbes (bacteria, virus, fungus...):

1. **house dust mites**
2. **aspergillus niger**
3. **b.cereus**
4. **candida albicans**
5. **c.difficile**
6. **e.coli**
7. **avian influenza**
8. **listeria M**
9. **pseudomonas A**
10. **salmonella**
11. **staph aureus MRSA**
12. **and others...**

To eliminate microbes, SilverClear™ releases silver ions, an active ingredient that penetrates the parietal cell microbes, destroys their metabolism and finally kills it. By killing the microbes, SilverClear™ stops the reproduction, growth and transmission of bacteria, viruses, fungi and other microbes.

Therapeutic

SilverClear™ rapidly heals wounds and burns

Recognized for their therapeutic effects, SilverClear™ bandages enable surgeons, radiation oncologists, dentists, veterinarians and other health professionals to rapidly heal their patients' wounds and burns.

Therapeutic Effects

- Debridement effect
- Analgesic effect
- Micro vascularization stimuli
- Hemostatic effect
- Replenishment of devitalized tissues
- More...

Wound Types

- Bed sores
- Diabetic wounds
- Surgical wounds
- Venous ulcers
- Arterial ulcers
- Open fractures
- Dermatitis
- More...

Burn Types

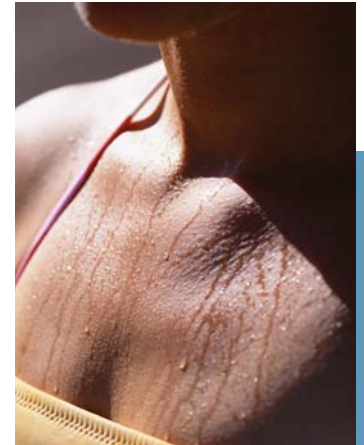
- Severe burns
- Radio-dermatitis
- More...

SilverClear™ treated dressings can be in contact with skin, as approved by Health Canada for Class II medical use.

Anti-odours

SilverClear™ neutralizes odours

Most odours are caused by bacteria developing in a humid environment. By killing bacteria, SilverClear™ neutralizes bad odours.



1. Durable

According to our laboratory results, SilverClear™ treated products can keep their antimicrobial properties for up to 100 washes* because the silver nanoparticles constitute a reservoir of silver ions strongly fixed to the material surfaces on which the finish is applied.

2. Versatile

From textiles to plastics and polymers, from wood to water, the SilverClear™ finish can be applied on a wide variety of materials. Because SilverClear™ treated products have antimicrobial, therapeutic and anti-odour properties, users fully benefit from this innovative, multipurpose and unique technology.

3. Ecological

Containing no solvents, SilverClear™ has been developed by a team of researchers striving to protect the environment.

4. Cost-effective

SilverClear™ is the antimicrobial finish that provides the best return on investment. It enables manufacturers to differentiate their products from competitors by offering added value.

5. Easy to apply

To make it easier for manufacturers, SilverClear™ finish application methods are simple, fast and adapted to suit manufacturers' existing processes.

6. Does not affect the touch

The SilverClear™ finish does not affect the handling of materials on which it is applied.

7. Colourless / Odourless

The SilverClear™ finish is colourless. Invisible to the naked eye, the silver particles composing the SilverClear™ solution do not change the colour of the material to which it is applied because it's transparent. In addition, once applied to a surface, the SilverClear™ finish becomes odourless.

* Please note that the number of machine washes that can be performed for a SilverClear™ treated product depends on usage conditions, substrates and product-specific concentration. To optimize the product's performance, please contact a SilverClear™ representative.



www.silverclear.ca
info@silverclear.ca

SilverClearTM 

SilverClear is a registered trademark.
The SilverClearTM technology (patent pending) belongs to TransTex Technologies.