

**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

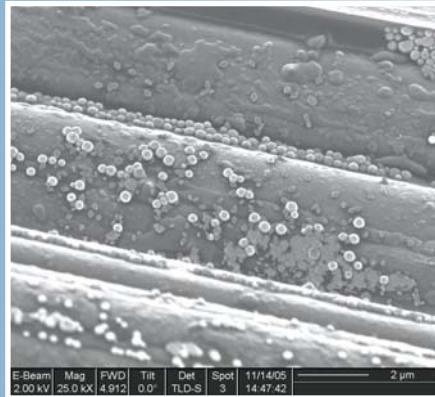
- Kills microbes rapidly
- Accelerates healing
- Neutralizes odours

## Special Characteristics

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

## Antimicrobial Properties

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



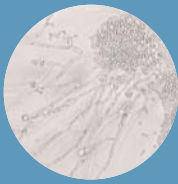
## Quality, Performance and Consistence

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.





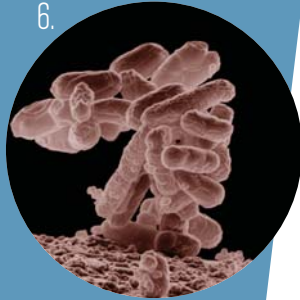
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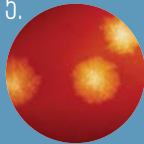
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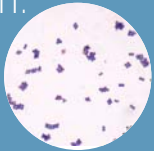
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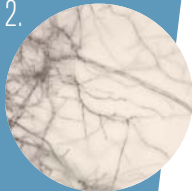
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## Antimicrobial

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

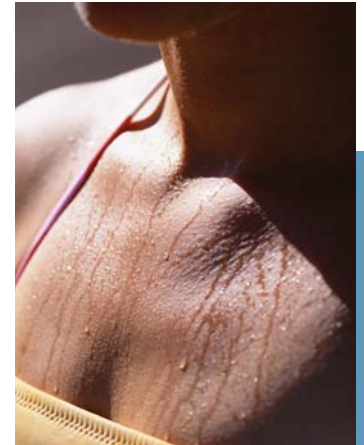
- Severe burns
- Radio-dermatitis
- More...

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.



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**SilverClear**<sup>TM</sup> 

SilverClear is a registered trademark.  
The SilverClear<sup>TM</sup> technology is patented and belongs to TransTex Technologies.