





Sciessent innovation

Our mission is to provide environmentally responsible products that benefit and enhance people's lives. Our antimicrobial technology is used across a wide range of industries to help prevent the growth of microbes and keep products and surfaces clean longer.

Sciessent is the go-to product protection solution for brands and companies across the globe. Whether it's antimicrobial, water repellency, odor protection, thermoregulation or anti-pilling, Sciessent has a solution to enhance your product.

Additionally our highly biodegradable and durable PFC-free water repellent (DWR) is a functional finish that adds liquid shedding properties, causing water droplets to bead and roll off the surface of virtually any fabric. From antimicrobial to anti-odor to water repellency, Sciessent has customizable solutions to protect and enhance your products.

Sciessent technologies



Microbes have met their match

Agion® Antimicrobial is a smart technology that utilizes a zeolite carrier to deliver silver and copper ions effectively and efficiently. The ions work to combat odor-causing bacteria and provide protection for your product.



Antimicrobial



A cost-effective way to combat body odor

NOBO™ offers an odor-busting alternative to antimicrobials that is friendly to the bottom line and the environment. This affordable finish utilizes mesoporous oxide, a benign mineral that is not a bioide and is fully compliant and approved for global use.



Odor Adsorber



Efficient plant-based odor control

NOBO 88 harness 88% naturally derived content to effectively control key body odors. The non biocidal chemistry regenerates with the standard washer & dryer and is durable to up to 50 washes.



Odor Adsorber



Durable odor control for everyday garments

Building on the foundation of our original LAVA Technology LAVA X2™ utilizes high surface area zeolites to capture odor on textiles. LAVA X2™ is fully compliant and approved for use in the EU. Better yet, it can be applied to virtually any fabric.



Odor Adsorber



Achieves Chinese GB/T 33610.3 for body odor

Building on the foundation of the original Lava technology, Lava 360 combines the efficacy of controlling iso-valeric acid, 2-nonenal, acetic acid with ammonia reduction.



Odor Adsorber



Water repellent, Mother Nature approved

Curb® PFC-free durable water repellent is a functional finish that causes water droplets to bead up and roll off the surface of nearly any fabric. Enjoy long-lasting performance and extend the life of garments with a treatment highly permeable to air and water vapor.



Water Repellent

Sciessent technologies



Dual odor protection

This unique, dual-function technology combines the odor capture ability of LAVA X2 and the antimicrobial properties of Agion®. This powerful odor control can add value to virtually any fabric type and textile product.



Dual odor protection with ammonia control

Similar in concept to Active X2, Agion-Active 360 combines the controlled delivery of the Agion Antimicrobial and the broad odor control of Lava 360 (including ammonia) to achieve both microbiologic efficacy and body odor adsorption.



Evaporative and conductive thermoregulation

Advanced wicking, moisture transport and quick dry combined with endothermic melting action of a phase change material to remove heat in activewear. Superior AATCC 195 & 201 moisture management performance than competitive products.



Low emissivity technology to cool the wearer

Patented infrared reflective technology combined with low thermal adsorption minerals to cool the fabric. Optimized minerals improve Ultraviolet Protection Factor performance by 10 units.



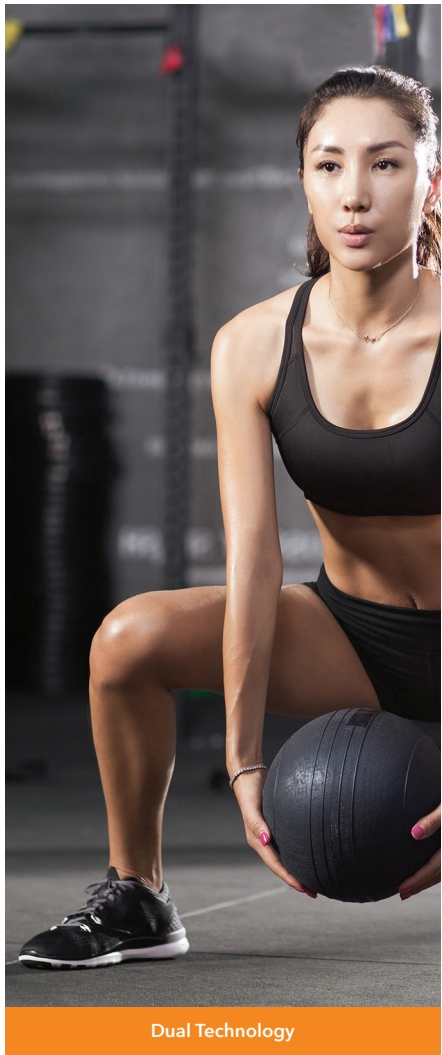
High emissivity technology to warm the wearer

Patented and certified NASA technology uses a specialized mineral system to retain body heat and re-radiate that heat to the body. Essential for base layers and liners.



An ingenious solution to fabric pilling

Pilltec™ makes open-end yarn fabrics less prone to pilling by reducing friction and holding these shorter fibers together. In addition to cost savings, Pilltec is environmentally friendly and won't adversely affect the characteristics of the fabric.



Dual Technology



Dual Technology



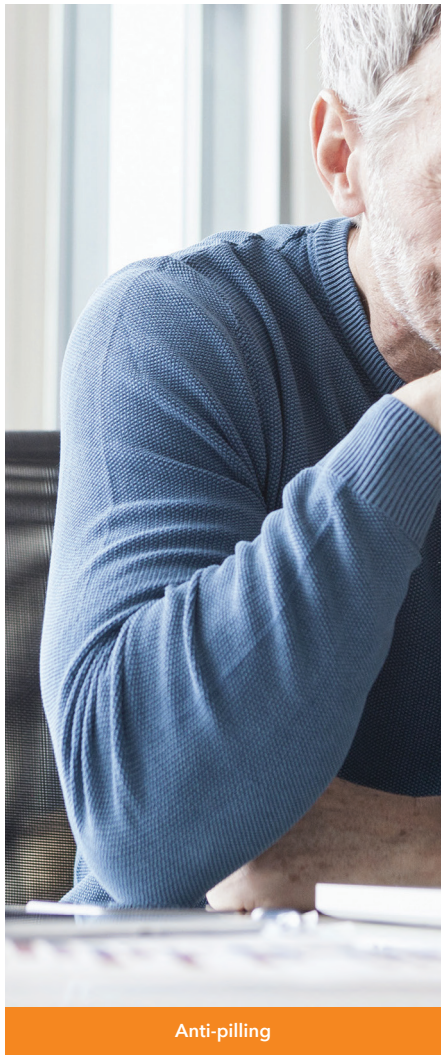
Thermoregulation



Thermoregulation



Thermoregulation



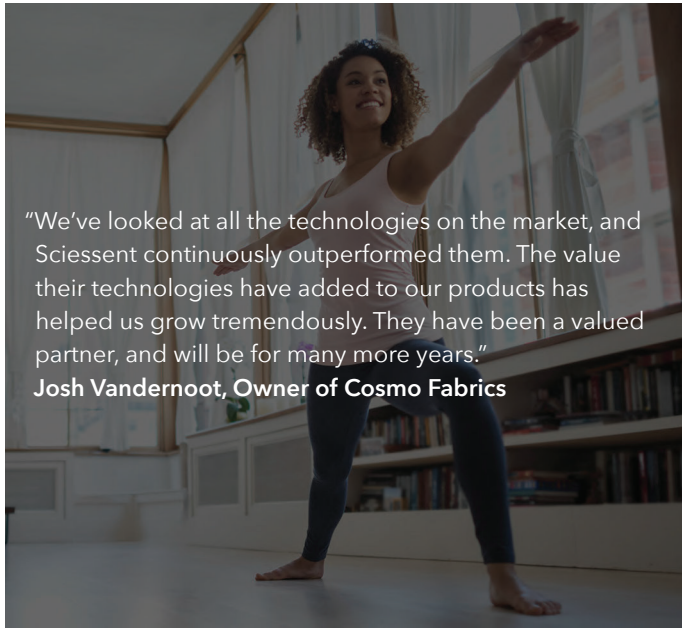
Anti-pilling

Market segments

Textiles and apparel

End Uses
Footwear, Hunting, Socks/Intimates, Outerwear, Activewear

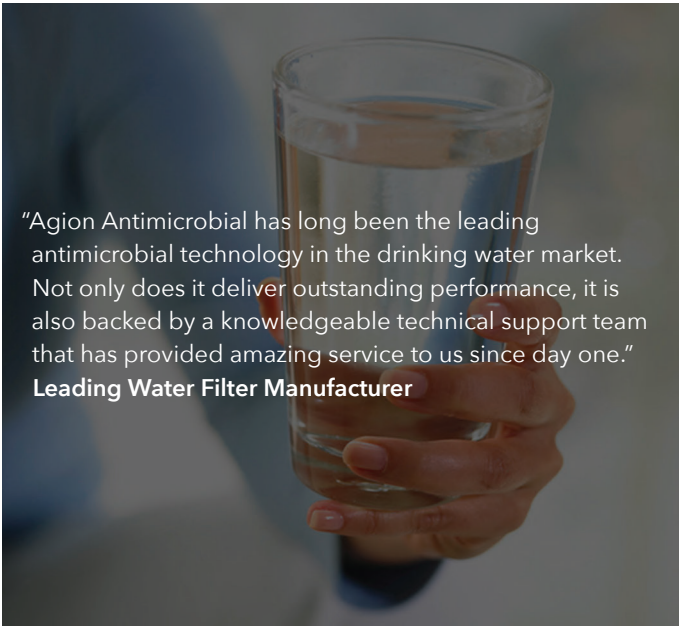
Applicable Technologies
Antimicrobial: Agion®, Agion Active X2™
Odor Control: NOBO™, Lava X2™, Agion Active X2™
PFC-free DWR: Curb®
Anti-pilling: Pilltec™



Water

End Uses
Beverage Systems, Filtration, Ice Machines, Humidifiers

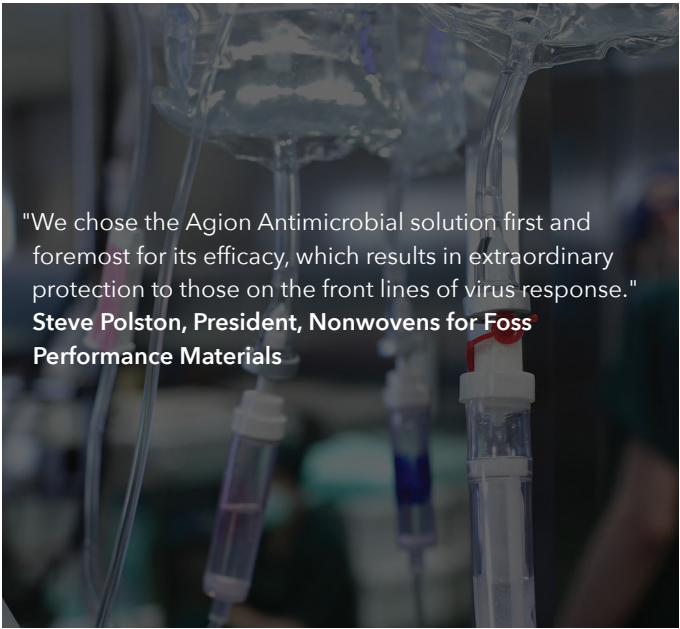
Applicable Technologies
Antimicrobial: Agion®



Medical

End Uses
Implants & Reusable Devices, Medical Tubing, Bio Connectors and Adapters, Medical Textiles

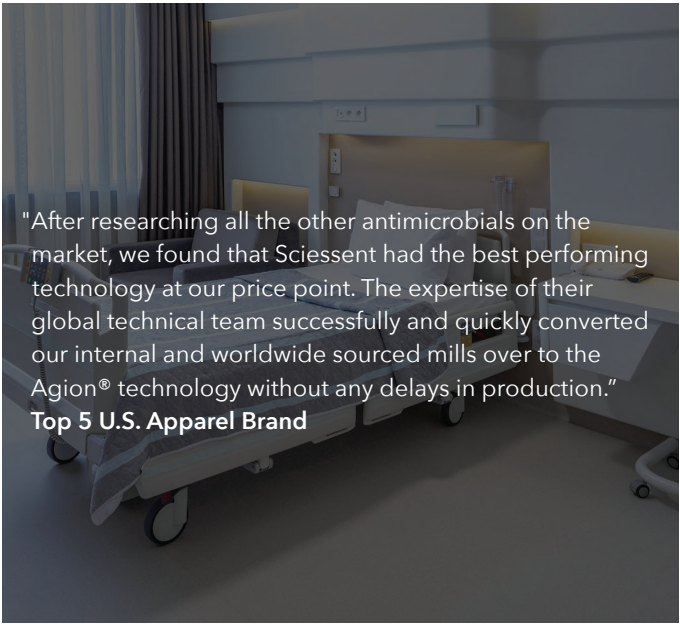
Applicable Technologies
Antimicrobial: Agion®



Surfaces

End Uses
Hotels, Food Processing, Restaurants, Healthcare Facilities

Applicable Technologies
Antimicrobial: Agion®



Customer experience

How we go above and beyond

Our customers feel the Sciescent difference in three important ways. You have unfettered access to our global support team—anytime, anywhere, and about any issue whether it has to do with a Sciescent product or not. Our in-house microbiology and analytical laboratories provide the assistance and testing needed to rapidly and efficiently design the optimal antimicrobial performance for your products and their users. Our never-ending dedication to innovation and technology results in environmentally responsible products that improve your customers' lives while making a positive impact on your business.

Analytical testing

- Elution Characterization (GFAA)
- Loading Confirmation (Ash Test)
- Moisture Content Analysis (KF)
- Dispersion & Surface Analysis (SEM)

Antimicrobial testing

- ASTM E2149
- AATCC 100
- JIS Z 2801
- ISO 22196
- ASTM E2180
- JIS L 1902
- ISO 20743

Custom testing can be performed based on customer requirement.

Some of our partners





Call us to learn more about our
safe and sustainable solutions
1-781-224-7100

Connect with us!

