

X-STATIC FOR HEALTHCARE APPLICATIONS

EFFECTIVE AGAINST SARS-COV 2, HUMAN CORONAVIRUS HCOV 229E, H1N1, H3N2, FELINE CALICIVIRUS, AND DRUG RESISTANT BACTERIA: STARTS WORKING IMMEDIATELY



Textiles are a vector of transmission, providing a hosting surface for viruses and bacteria. This contributes to the risk of cross-contamination and infection. Products using X-Static Technology inhibit the growth and persistence of bacteria, fungi, and viruses on textile surfaces.

X-Static is a proprietary product of Noble Biomaterials, an intelligent materials company and global leader in advanced antiviral and antimicrobial technologies.

Leading companies rely on our products for mission-critical applications: advanced wound care and infection control, biometric monitoring and intervention, infection prevention on soft surfaces (medical scrubs and bedding, lab coats, masks, first responder uniforms), and military protection systems.

Noble's products are used in hospitals, burn care centers, military installations, and US embassies around the world.

HIGH PERFORMING

- Strong antiviral and antibacterial effectiveness against a spectrum of pathogens
- Dramatically reduces the viability time of microbes on soft surfaces
- Provides self-cleaning and germ-resistant surface
- Offers powerful odor control and fabric preservation

CERTIFIED

- EU BPR and EU REACH compliant, active substance registered with US EPA
- Yarn and fiber are Oeko-Tex® certified

CUSTOMIZABLE

For flexibility in end use, we tested:

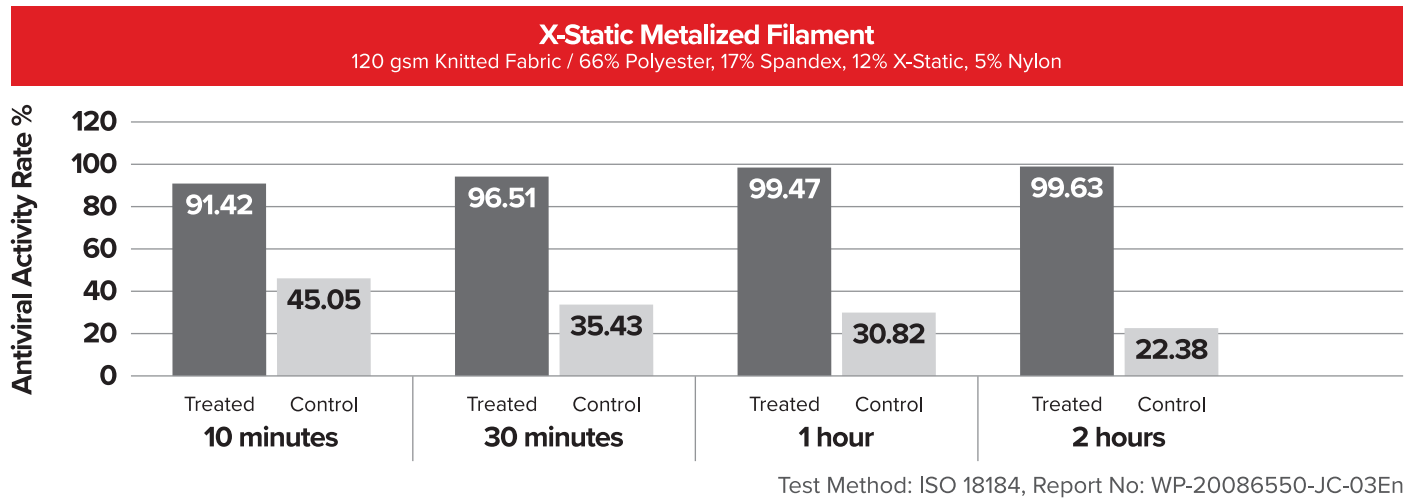
X-STATIC Reduction in Virus Viability Human Coronavirus 229E at 2 Hours

X-Static Metalized Filament	99.63
X-Static Metalized Fabric	99.12

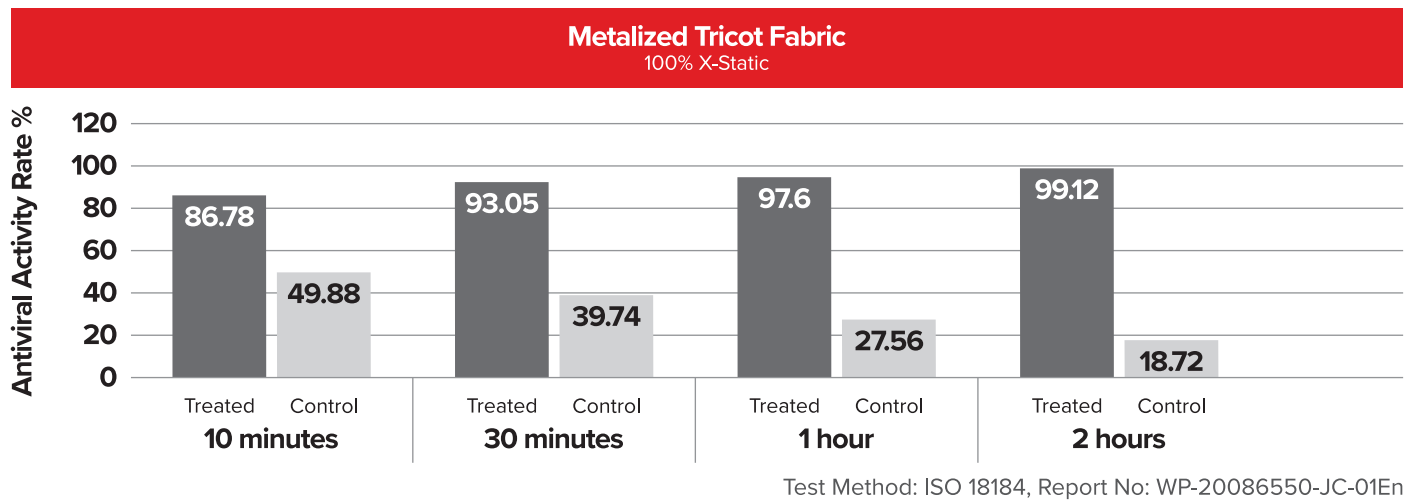
DURABLE

- Permanent technology
- Many platforms effective through industrial laundering

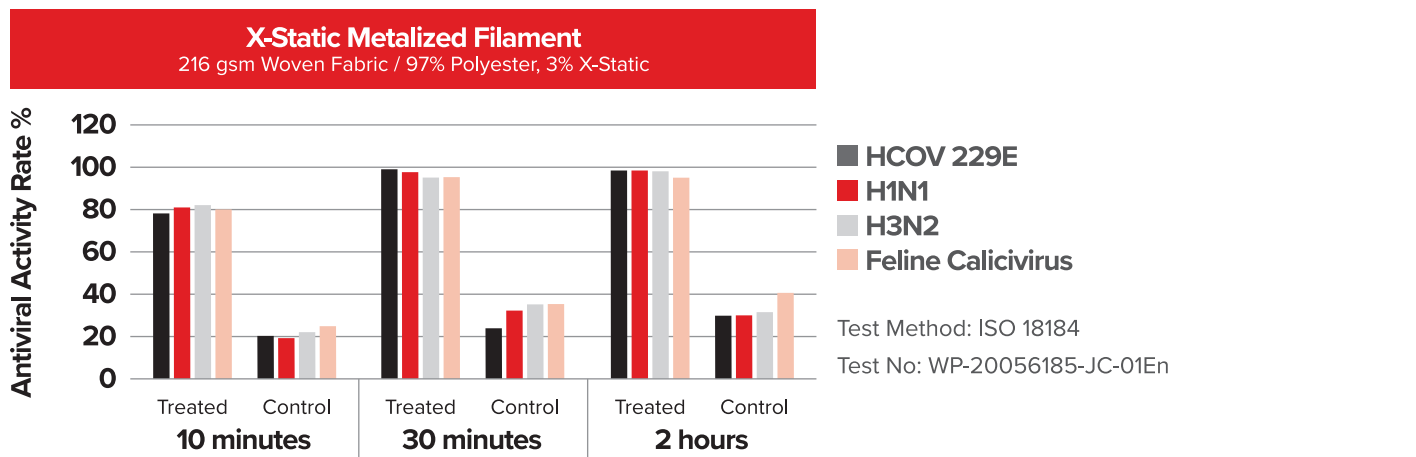
HCOV 229E: 2-5x better than control at reducing virus viability



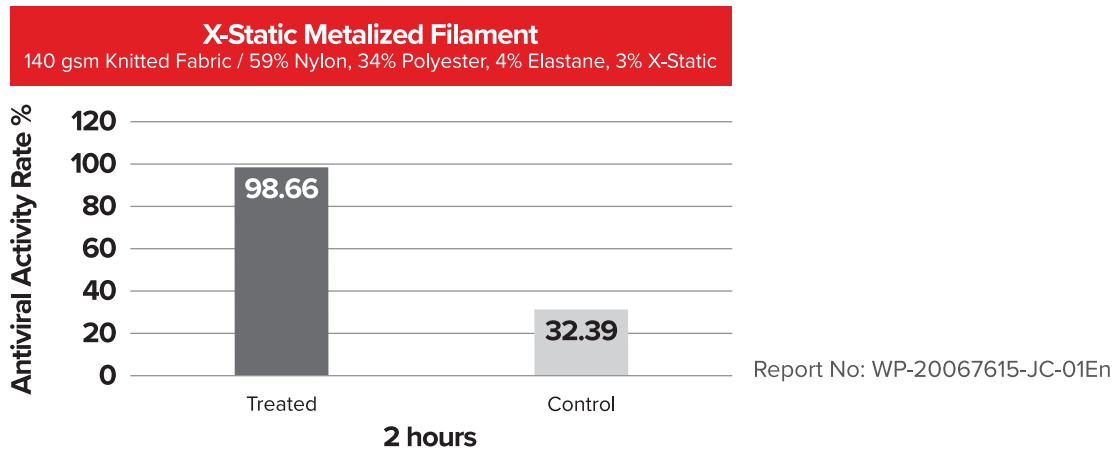
HCOV 229E: 2-5x better than control at reducing virus viability



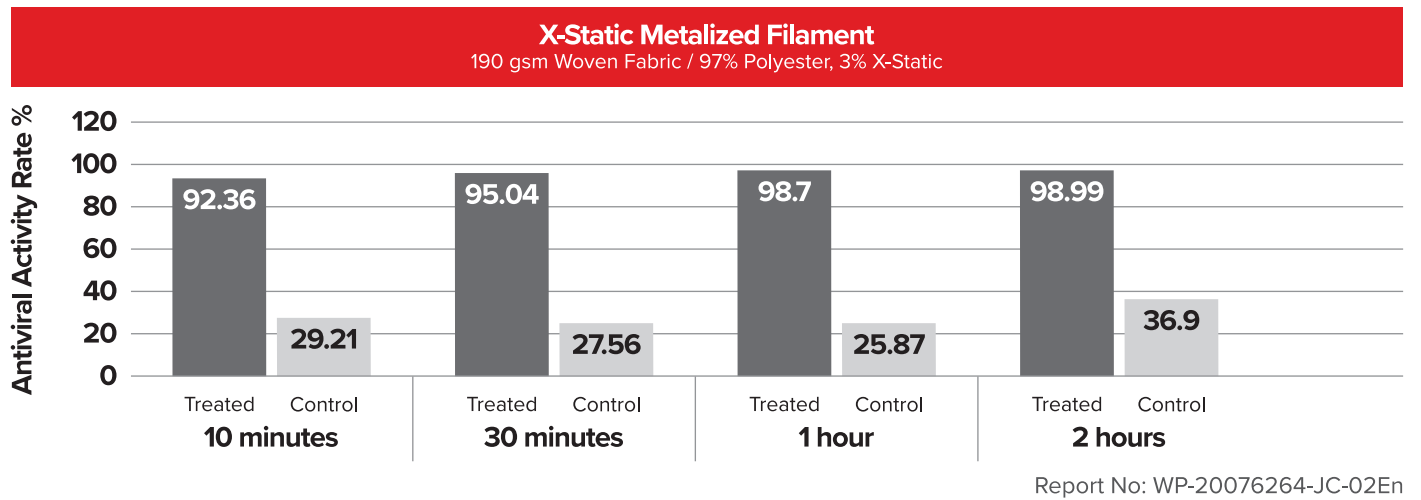
2-4x better than control at reducing virus viability.



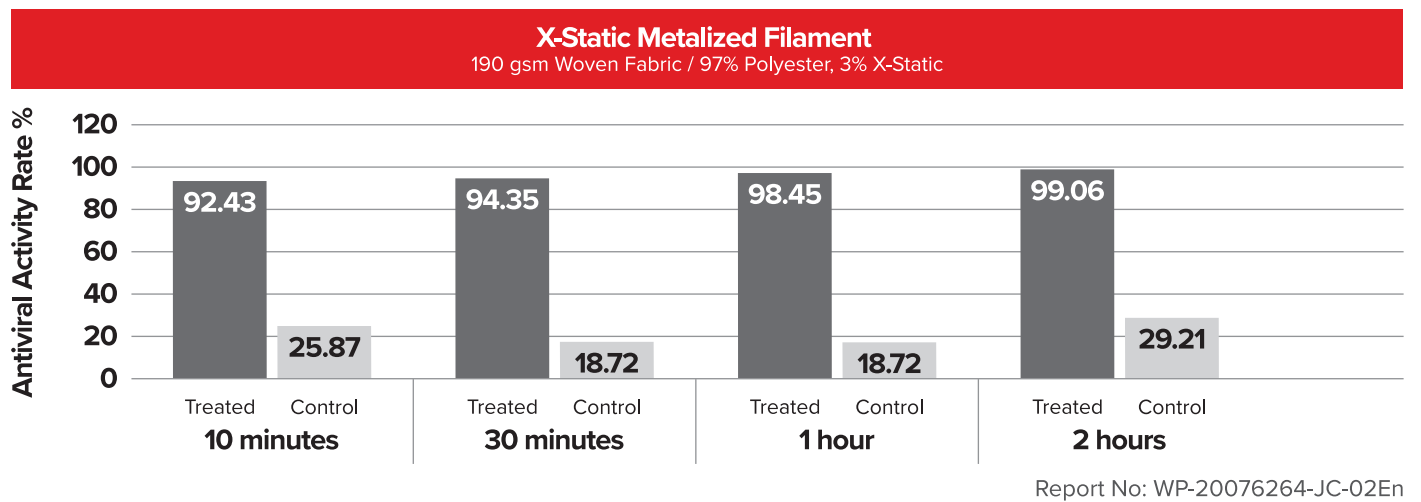
HCOV 229E: 3x better than control at reducing virus viability



HCOV 229E: 3x better than control at reducing virus viability



H1N1: 3-5x better than control at reducing virus viability



A CENTURY-LONG HISTORY IN TEXTILES AND INNOVATION

Founded in Scranton, Pennsylvania, in 1873, the textile operation began with the manufacture of silk and silk sutures. It was the first licensed maker of DuPont® Nylon®. In 1997, Noble transitioned to focus solely on innovative metalized solutions. Today, customers including Biomedical Advanced Research and Development Agency (BARDA), Argentum Medical, 3M/KCI, Ansell, the US Military and Allied Forces, and 3M/Systagenix, among others, rely on the high-quality metallized products manufactured in our Scranton facility.



US FOOD & DRUG
ADMINISTRATION
510(k) Medical
Device Clearances



EUROPEAN COMMUNITY
CERTIFICATION
Cleared for use in Class 1,
2 and 3 Medical Devices



US ENVIRONMENTAL
PROTECTION AGENCY
Antimicrobial Registrations



OEKO-TEX®
Standard 100
Certification



BLUESIGN
System Partner

FOR MORE INFORMATION, PLEASE CONTACT:

US West Coast

Ian Pund
ipund@noblebiomaterials.com

Asia

Alison Tsui
atsui@noblebiomaterials.com

US East Coast

Mark Sardella
msardella@noblebiomaterials.com

Europe, India, and Middle East

Steve Milner
smilner@noblebiomaterials.com

US South

Bennett Fisher
bfisher@noblebiomaterials.com

Regulatory

Terry Walmsley
twalmsley@noblebiomaterials.com

US Midwest

Brian Fee
bfee@noblebiomaterials.com

Marketing

marketing@noblebiomaterials.com

Noble Biomaterials is an advanced materials innovator dedicated to improving lives by harnessing the power of pure silver to deliver transformational functional benefits. Learn more at noblebiomaterials.com.



NOBLE BIOMATERIALS, INC • +1 (570)-955-1800
INFO@NOBLEBIOMATERIALS.COM • FAX +1 (570)-955-1801
300 PALM STREET, SCRANTON, PA 18505