

MD+DI

MEDICAL DEVICE AND DIAGNOSTIC INDUSTRY



Yarn from multiple cones are knitted into tubes so Noble can perform quality and compliance tests. A spectrophotometer is used to measure color consistency from cone to cone

Noble Biomaterials has shared the results of third-party laboratory testing of fabric made with its X-STATIC technology against human coronavirus OC43, described by the company as a common, strong strain of coronavirus. BioScience Laboratories Inc. demonstrated that the metallized fabric reduced the viability of the virus six times faster than the unmetallized control fabric, Noble reported in a news release.

“As a major supplier to the healthcare, military, and consumer industries, we wanted to have a neutral third party test our fabric technology to ensure it

could help reduce the viability of the virus,” stated Jeff Keane, CEO of Noble Biomaterials, in the release. “These lab results provide critical safety information for our partners, particularly in the healthcare industry, where cross-contamination and infection prevention are constant concerns.”

According to Noble, products made with its X-STATIC and Ionic+ technologies permanently inhibiting the growth of drug-resistant bacteria and fungi and preventing bacterial cross-contamination. “Our mission has always been to protect, so we’re grateful that our lab-tested materials are able to provide another layer of protection for healthcare workers, patients, and consumers during this healthcare crisis, whether the fabrics are used for scrubs and surgical gowns, bedding and privacy curtains, or consumer masks and apparel,” stated Keane.

Added Tony Lundin, founder of Silverguard Textiles, a South African company that has been using X-STATIC in its products for years: “Our customers see the value in antimicrobial soft surfaces to help control healthcare-acquired infections. With the current crisis, it’s even more important, and a number of leading hospitals, clinics and institutions in Southern Africa are using the full complement of antimicrobial products we make with X-STATIC, including privacy curtains, bedding, scrubs, surgical gowns and reusable masks.”

Noble Biomaterials Inc. reports that it has supplied companies around the world with enough antimicrobial products to make tens of millions of pieces of PPE as well as other soft-surface materials that provide antimicrobial protection to patients and healthcare workers.

In the photo above, “Yarn from multiple cones are knitted into tubes so Noble can perform quality and compliance tests,” the company reported. “A spectrophotometer is used to measure color consistency from cone to cone.”