Harnessing the Antimicrobial Power of EPA-Registered Chlorine Bleach*

Milliken™ BioSmart™ technology makes it simple and practical to integrate protection into fabrics used for medical garments and products. The patented, bleach-activated technology harnesses the proven power of EPA-registered chlorine bleach, turning otherwise passive textiles into an added layer of active defense against microbial exposure and contamination.

Domestic Manufacturing

Yarn Formation

Woven Fabric

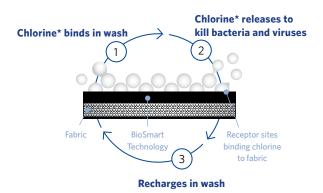
BioSmart™ Technology Engineered

Scalable Production

Proven Effectiveness

- 60% of medical uniforms are contaminated with bacteria.[†]
- 92% of medical curtains are contaminated within one week of laundering.[‡]

When laundered with an EPA-registered chlorine bleach*, BioSmart™ technology binds chlorine to the surface of the fabric, which then kills 99.9%* of many common bacteria and viruses. BioSmart™ technology is durable up to 75 industrial wash cycles.





^{*} When washed according to the EPA-registered chlorine bleach label instructions. Tested in laboratory conditions using AATCC 100 test method. Do not use color safe bleach

As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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[†] Wierner-Well et al. Nursing and physician attire as possible source of nosocomial infections, Am J Infection Control 2011, 39: 555-9

[‡] Ohl et al. Hospital privacy are frequently and rapidly contaminated with potentially pathogenic bacteria; Am J of Inf Control: online publication; 2012