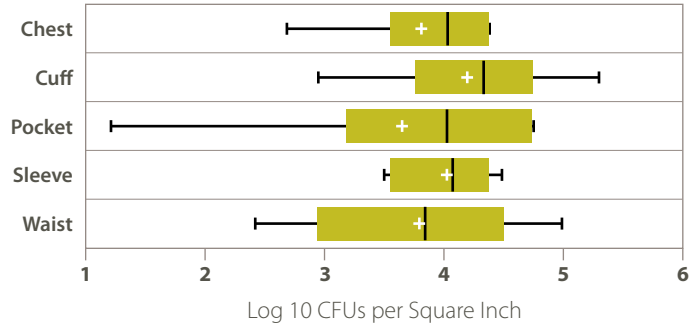


BioSmart™ is the topical treatment of fabric with a rechargeable chlorine stabilizing and carrier technology. The chemistry binds chlorine available in the bleach cycle, which it uses as the active anti-microbial.

Cross Contamination

A study done at a beef processing facility kill floor found that, over the course of a 4-hour shift, samples from selected areas of butcher coats worn by the employees had a 3.7 log of aerobic bacteria per square inch of area sampled. These bacteria included, but were not limited to, strains of E. coli, Staph., Pseudomonas and K. pneumoniae.

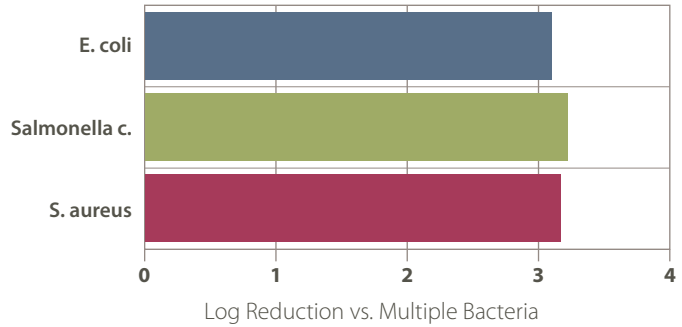
Location on Coat



BioSmart™ technology reduces the growth of bacteriological colonies on processing uniforms and other textile related substrates.

This Milliken technology has shown a 3 log reduction of selected bacteria and viruses in laboratory testings at 3 and 24 hours. The treated textile has also shown a resistance to antichlor, a chemistry used in industrial laundering to remove free chlorine at the end of the wash cycle.

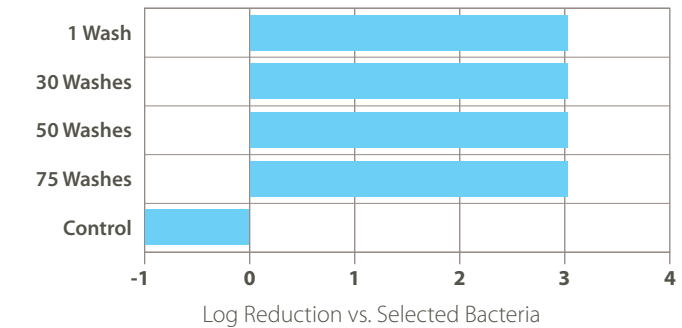
Bacterial Strains



BioSmart™ is durable and recharges after every wash with EPA registered bleach.

BioSmart™ is durable through 75 home and industrial washes. The shelf life of BioSmart™ treated textile substrates has been tested out to 3 months with no significant reduction of bound chlorine.

Number of Industrial Washes



5995 Opus Parkway, Minnetonka, Minnesota 55343 • 1.800.GKCARES (1.800.452.2737) • www.gksservices.com

