

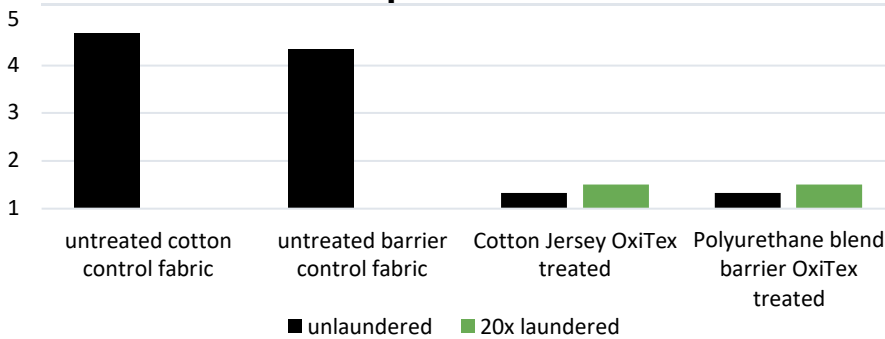


OXI-TEX ODOR CONTROL TESTING

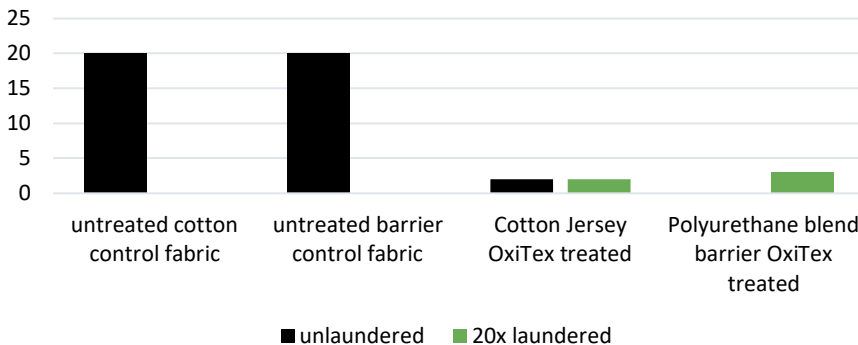
Summary of studies done: OxiTex utilizes hydrogen peroxide as the active ingredient that provides lasting freshness and odor protection for textiles. Peroxide is familiar to consumers as a color-safe stain removing additive and cleaning aid for laundering (for instance *Oxi-Clean*).

OxiTex incorporates peroxide directly into the fabric in order to help prevent odors from forming and lingering in textiles and apparel. Peroxide is durably sequestered into the fabric to be effective in combatting odors and fouling. Studies detailed below have been done on many fabrics, including cottons, polyesters, and synthetic blend materials.

**Subjective odor panel evaluation
untreated sample vs. OxiTex treated**



**Measured ammonia concentration of
samples (ppm)**



Odor Ranking Level	Odor Description
Level 1	Imperceptible
Level 2	Just perceptible
Level 3	Weak
Level 4	Distinct
Level 5	Strong
Level 6	Unbearable



ODOR PREVENTION TESTING

Testing executed was based on a nascent AATCC method for evaluation of odor prevention on fabrics using simplified surrogate organisms. The method assesses the ability of fabrics to interdict the metabolic generation of odorant molecules from a protein source and skin commensurate microbes. Specifically the method uses *Staph.* species that metabolize urea protein into ammonia. Evaluation is by both subjective panel assay (see grading legend, based on a Likert scale) and by analytical chemical assessment, permitting a well verified confirmation that the fabric will be able to interdict odor generation.

OxiTex can help prevent odors from forming in textiles. This is crucial to consumer comfort both for short term (during wear and immediately after), and longer term (the well-recognized stench that accumulates in polyester sportswear over time).