

April 2015

OVERVIEW

(Updated)

PATENTED STRA LLC ANIONIC IONIZED CHEMISTRY AND NEWLY DEVELOPED ANIONIC ANTIMICROBIAL CHEMISTRY - COMBINED PACKAGE.

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Brief benefit explanation of STRA anionic ionized chemistry when applied to textile fabrics/garments.

Two Patents were issued to Southern Textile Research Associates by the United States Patent and Trademark Office, Washington, DC.

TITLE OF INVENTIONS

**“Ionized Performance Fabric Composition”
Patent Number 7,896,928 B2 issued 3-01-2011
Patent Number 8,292,970 B1 issued 10-23-2012**

1. Chemistry was developed between 2004/05 at Southern Textile Research Associates' Laboratory Headquarters in Easley S.C.
2. We have scientific evidence that the negative charged finish immobilizes positive charged allergens when they are brought in the vicinity of the subject wearing treated clothing or sleeping on bedding fabrics containing the STRA anionic negative charged finish. It is not a barrier fabric, small air born dust mites react with anionic negative charged chemistry. When washed, the allergens are removed and a new cycle starts. Human trials have further demonstrated there is an increase in energy and therapeutic body well being that we attribute to the increase in oxygen absorption and therefore improved blood circulation within the body.
3. Clinical Study done 2005/06 by BodyMed Institute, Dr. Med. Gabrielle Dienhart-Schneider, Beckingen, Germany, protocol and results visit website www.southerntextileresearch.com and click on News.

4. Allergen immobilization study conducted by Research Triangle Institute, Durham, NC Dr. Jonathan Black, Microbiologist.
5. Biocompatibility study done by SGS-US Testing, Fairfield, New Jersey. We passed ISO 10993 standard for skin irritation. On a scale of 0-4 we scored "0" excellent results.
6. Permanency of anionic ionized reactivity tested after 50 + home and commercial laundry cycles by Cotton Incorporated, Cary, NC. Excellent results, negative charge remained active after 50 + washings.

WHAT ARE THE BENEFITS

- Improved energy increase by 80% of patients measured by Traditional Chinese Medicine (TCM).
The negative charge (not the chemical) is transferred onto the moisture on the skin and into the moisture and blood of the body where it improves the oxygen absorption of the blood from the lungs and thus circulated throughout the body for improved physical performance.
- Muscle recovery.
- Fatigue resistance.
- Arthritis relief.
- Antistatic benefits.
- Excellent moisture absorbency and wicking away from the body.
- Traps air born pollutants-immobilizes positive charged allergens and therefore reduces potential allergic reactions when inhaled. When washed, allergens are removed and a new cycle starts. The anionic ionized chemistry reacted with textile fibers is durable.
- Finally, garments treated with our patented anionic STRA LLC chemistry greatly improves the energy level of athletes when wearing textile shirts, bandages and stretch polyamide/spandex support shorts for muscle protection/recovery

ANIONIC ANTIMICROBIAL CHEMISTRY NEW DEVELOPMENT

Recent Anionic Antimicrobial chemistry we developed is compatible with our patented Anionic Ionized Chemistry. Now we can offer to customers additional benefits “Antimicrobial Bacteria Protection.”

NO Growth proven by Interface Microbiology Services Laboratory, Lagrange,GA and Clinical Study protocol and results by BodyMed Institute, Dr. Med G.Dienhart-Schneider, Beckingen, Germany.

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