



Skin soothing body suits for nighttime Eczema Treatment

Documentation

Clinical Study and Evaluation Data 2006



What are *SilverThreads*?

- Undergarments worn adjacent to the skin as pajamas or under clothing for comfort.
- They provide relief for individuals with itchy, dry, sensitive skin.
- They are available in various sizes from infant to adult, and come in tighter or looser versions.
- They are an excellent maintenance barrier for anti-itch creams and ointments.



Better than Cotton

Superior Fabric Features

- Incredibly Smooth
- Moisture Management
- Antimicrobial
- Patient Preferred

Superior Construction Features

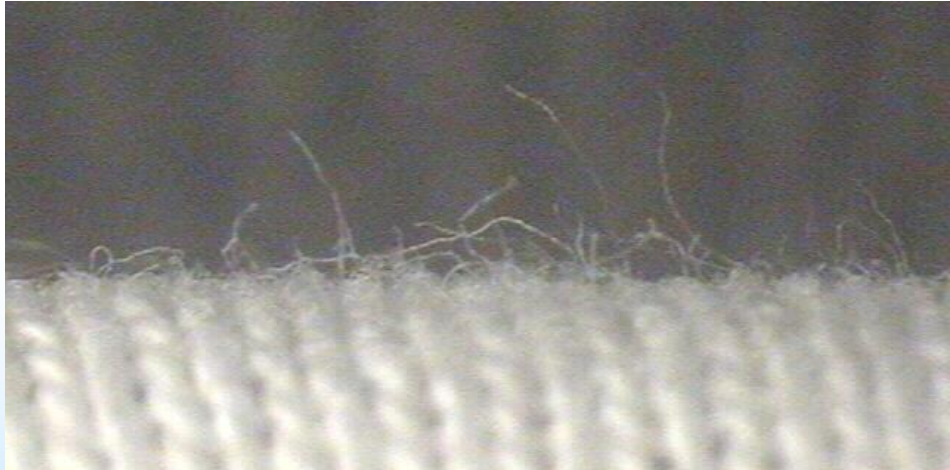
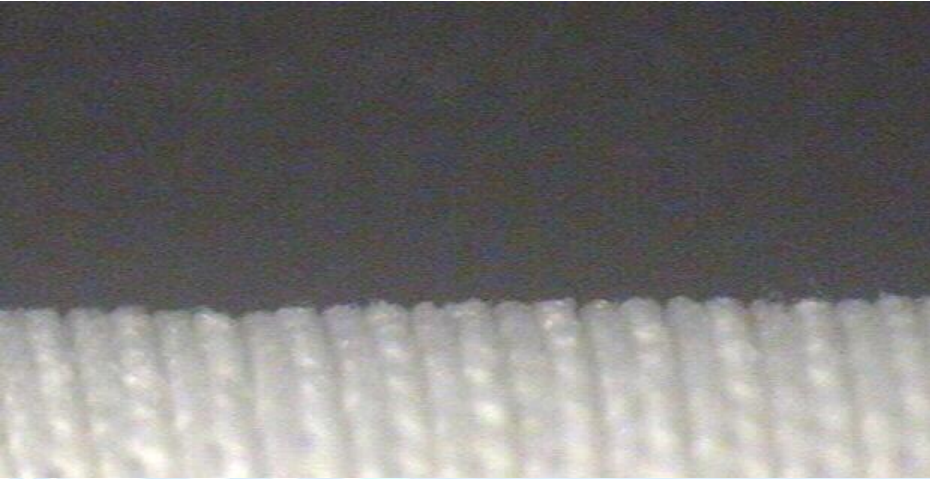
- Flat Seam construction
- No scratchy labels
- Easy Care
- Skin tight or loose fit



Better than Cotton

**SilverThreads Shirt
at Brand New**

**100% Cotton Shirt
at Brand New**



25X magnification

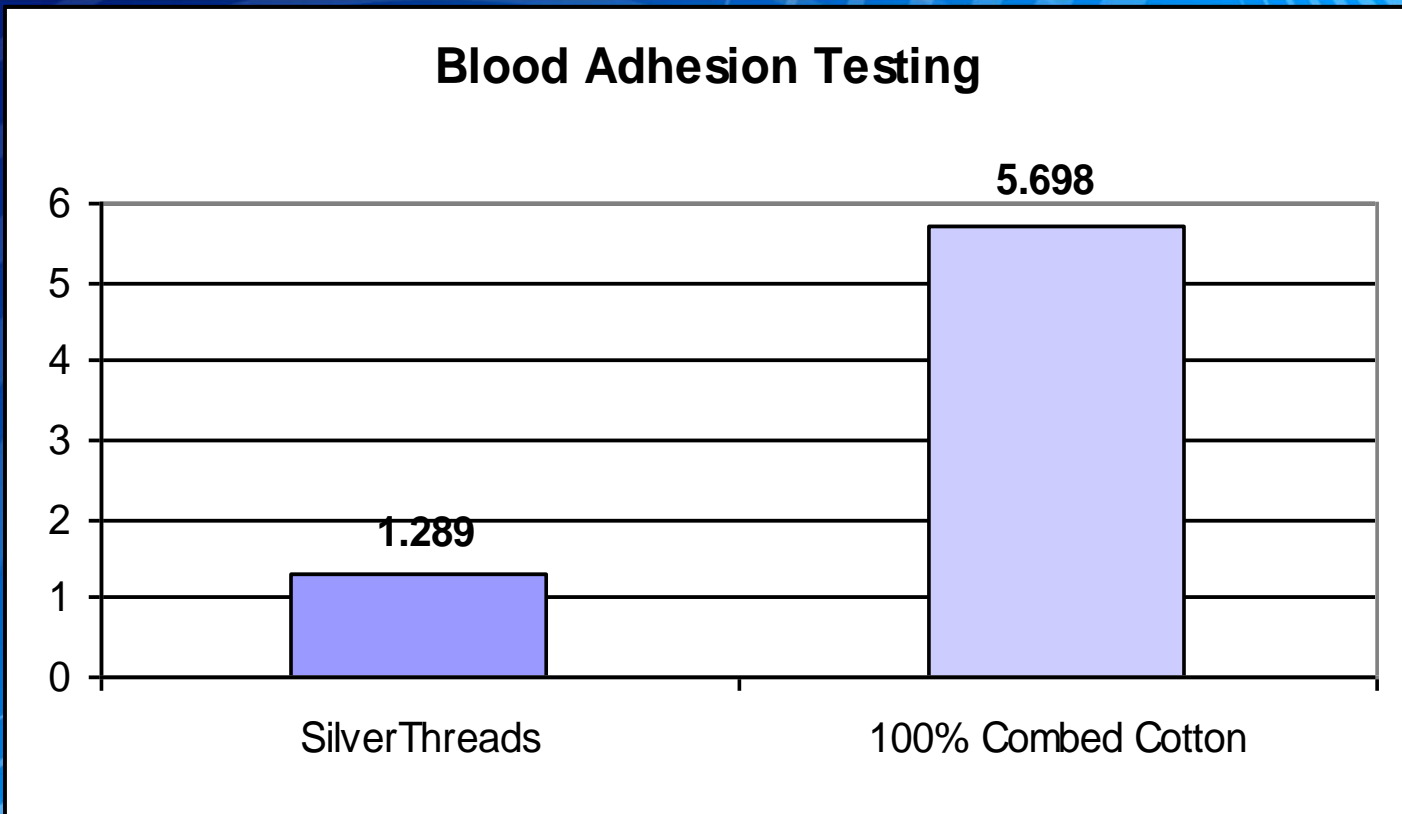
25X magnification



Softness and Smoothness

SilverThreads have much less adhesion to dried blood.

MRC Adhesion Test Method

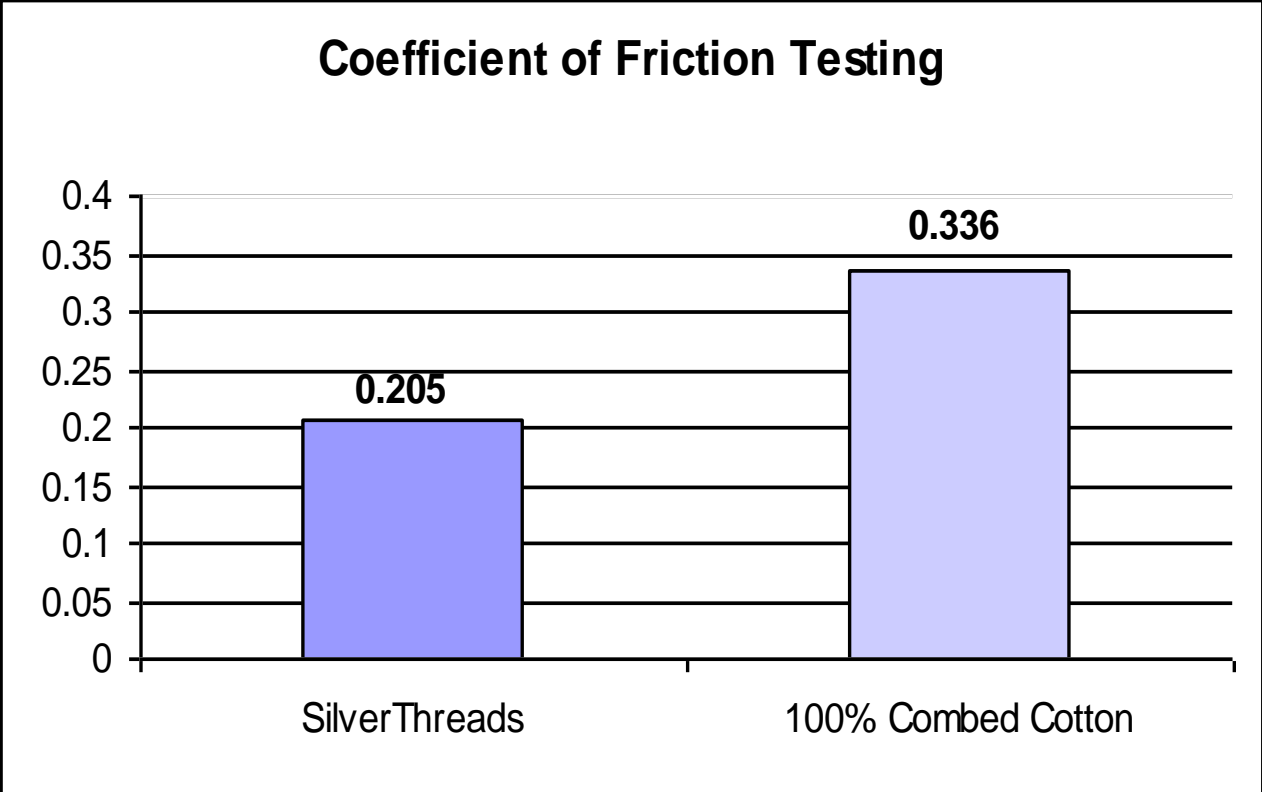




Softness and Smoothness

SilverThreads have 39% less friction or drag across the skin

ASTM Test Method D-1894





Moisture Management

Perspiration is a known irritant to the skin and can trigger the itch scratch cycle.

SilverThreads feature a durable technology that helps pull excess perspiration off of the skin, and disperse it through the fabric, where it can quickly evaporate.

We measured Moisture Management using:

- Vertical wicking
- Drying time



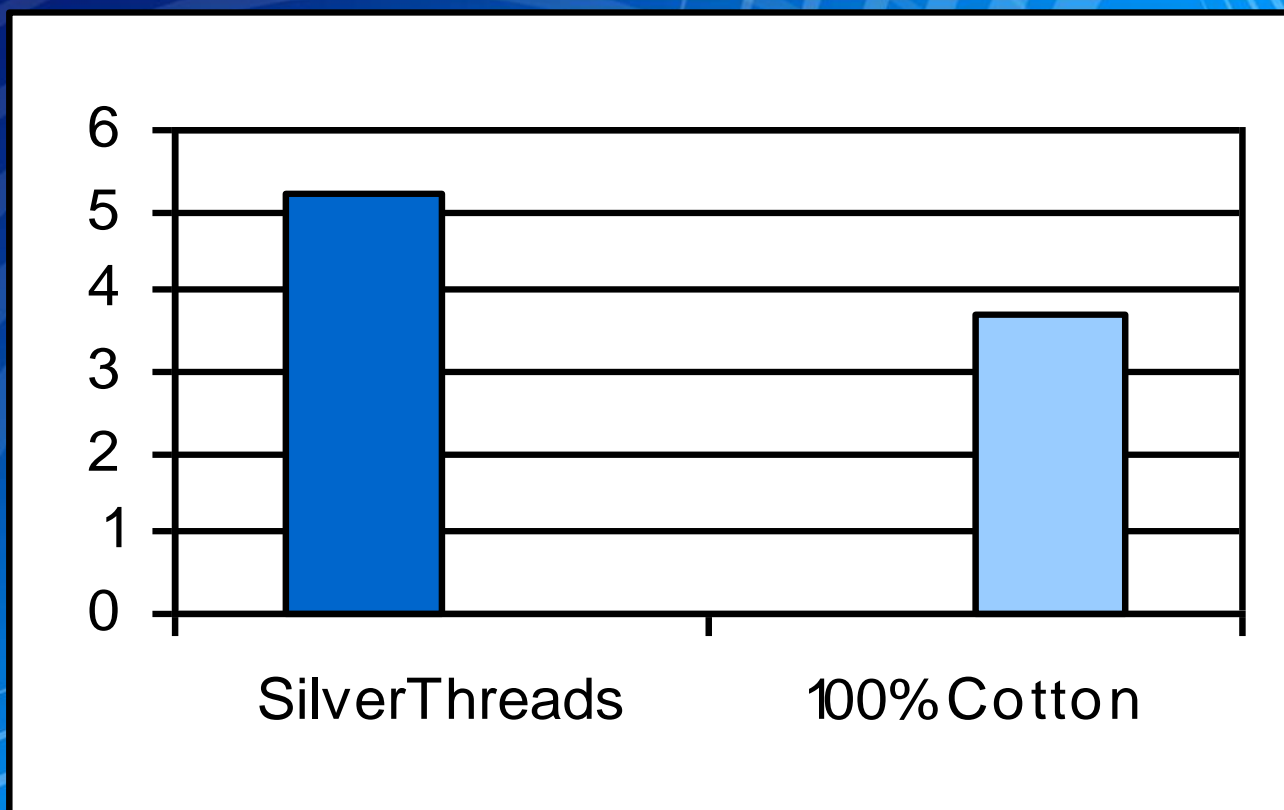
Moisture Management

Vertical Wicking Test

Inches of water wicked in 5 minutes

SilverThreads move water 40% faster than cotton

GATS test method





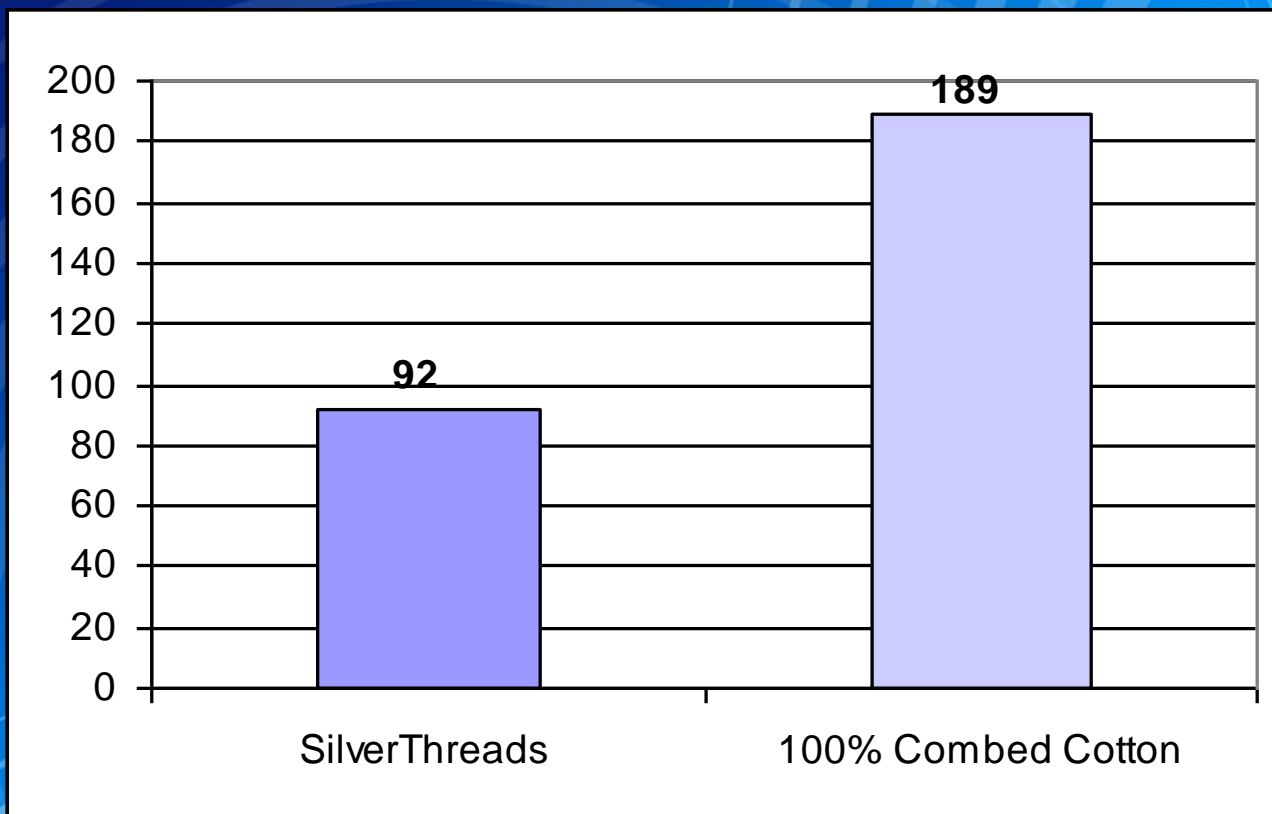
Moisture Management

Drying Time

Minutes to dry completely saturated shirt

SilverThreads dry twice as fast as cotton.

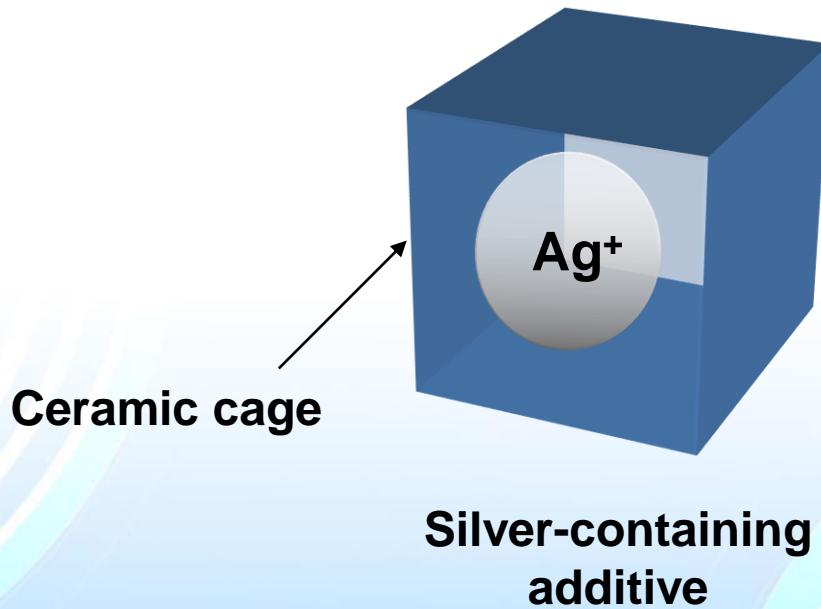
GATS Test Methods





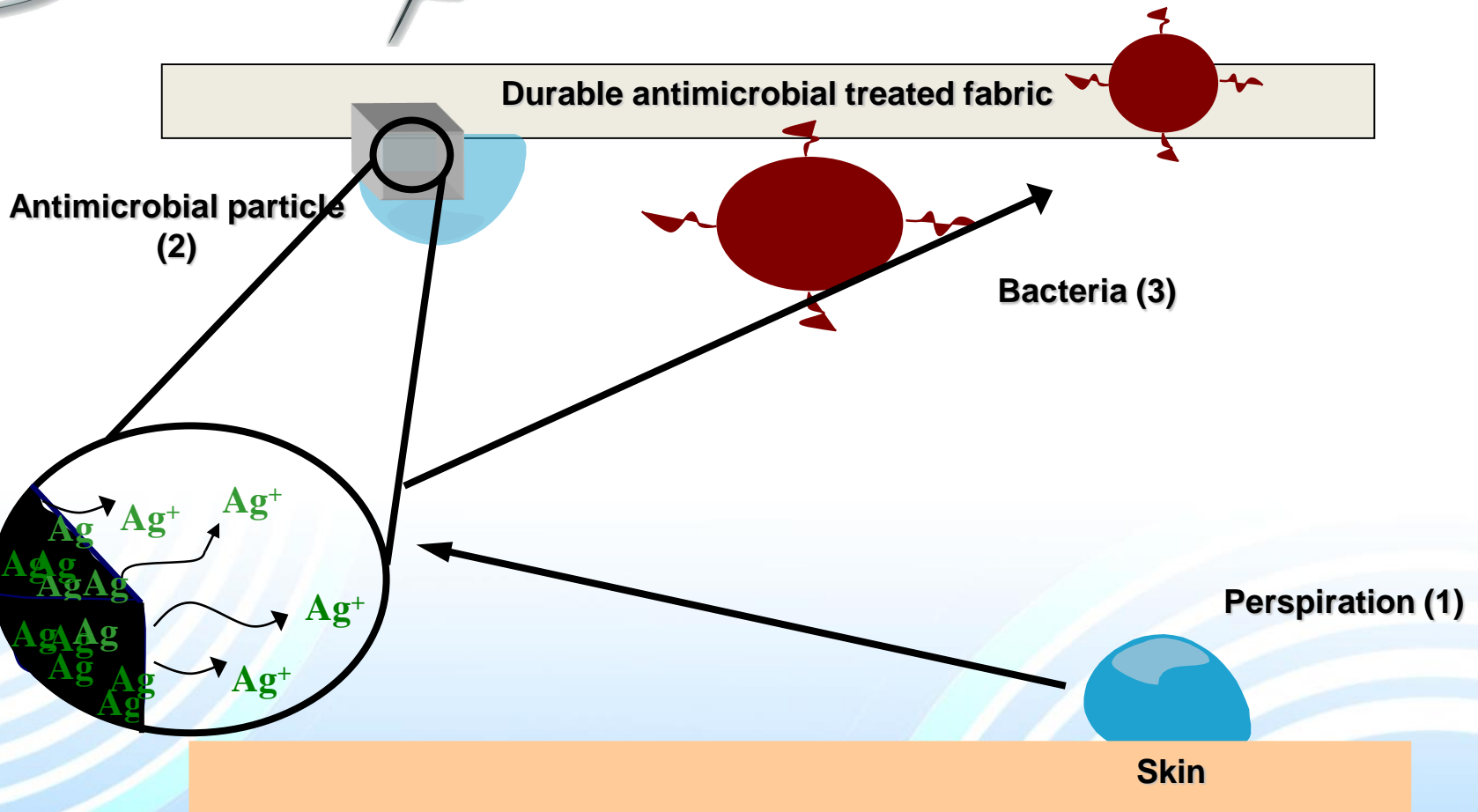
Antimicrobial Technology

Patented, durable, topical fabric treatment with silver ion based antimicrobial fights odor.





Antimicrobial Technology



Perspiration activated antimicrobial technology in action.



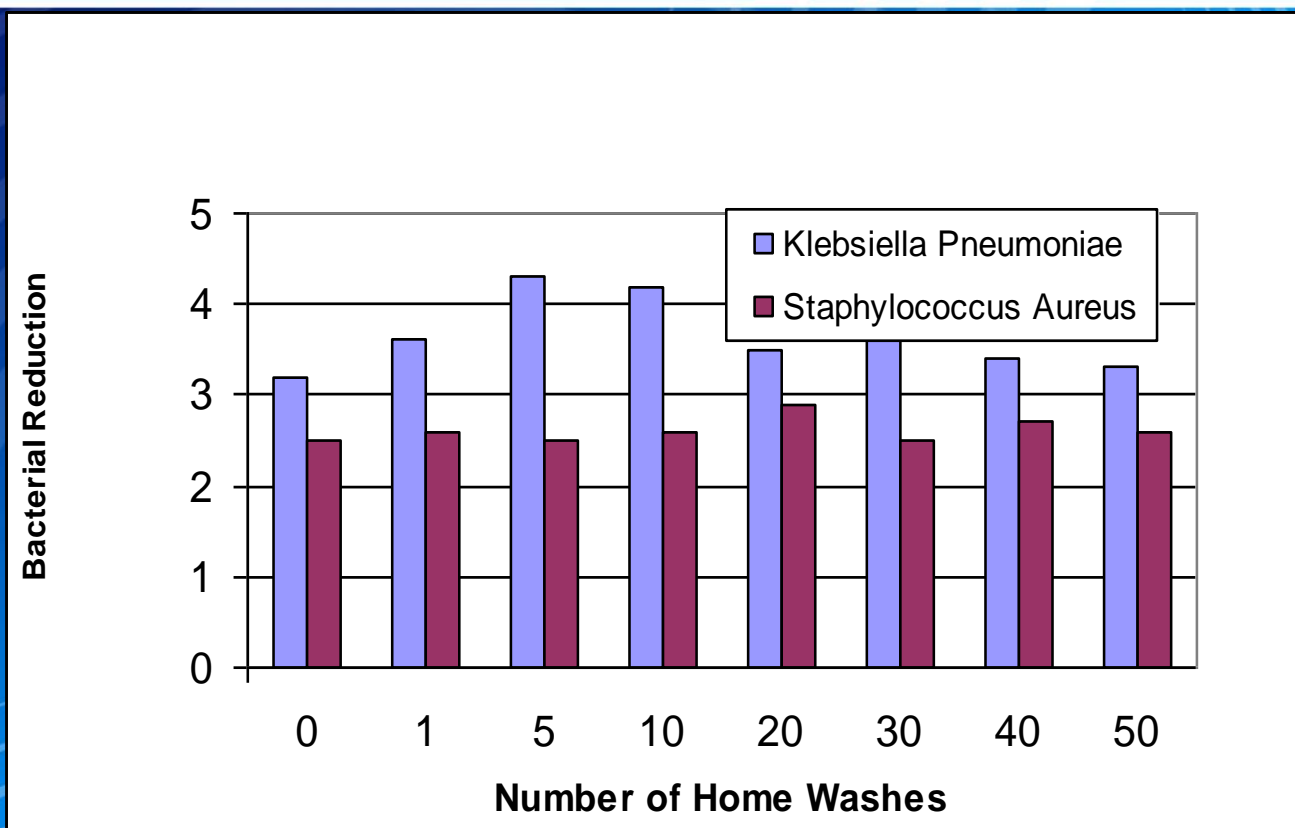
Antimicrobial Technology

Durability

Bacterial reduction over 50 home washings

SilverThreads antimicrobial qualities persist over many washings.

AATCC Method 100





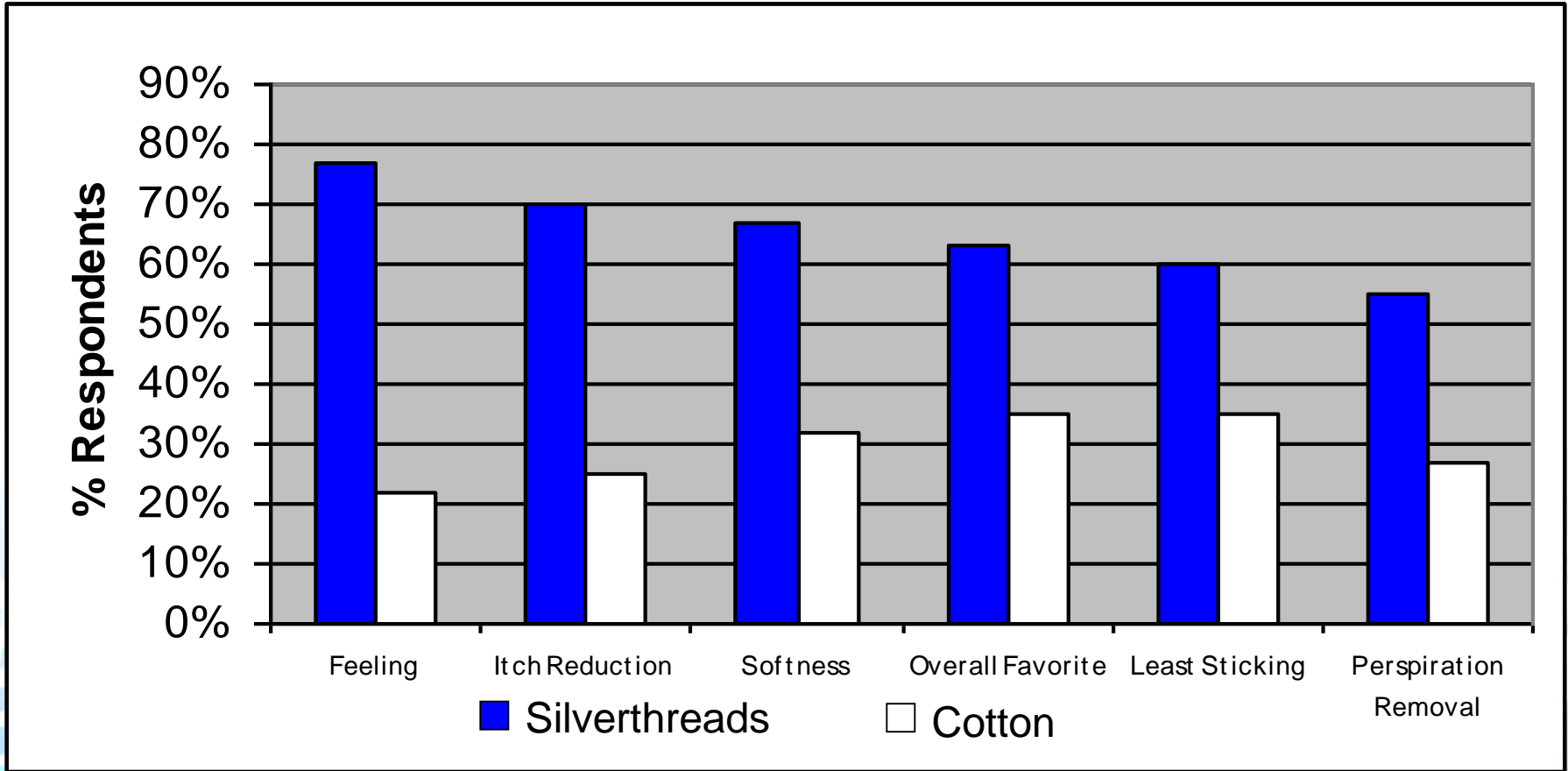
Clinical Study 2006

- 60 patients
- Double-blind crossover study
- Completed October 2006
- High Point, NC area
- 2 two-week wearing periods
- Subject and investigator assessments



Clinical Study 2006

Subject Evaluation





Clinical Study 2006 Investigator Evaluation





Clinical Study 2006 Summary

When compared against the baseline, statistically significant improvements were seen by subjects using *SilverThreads* with:

- Inflammation
- Redness
- Itching
- Peeling
- Thickening
- Stinging / Burning
- Scratching

The Overall performance was judged superior by both subjects and the dermatologist investigator.



www.silverthreadsderma.com