



## Sanitized® Silver for all textiles without a binder

SANITIZED AG, the worldwide leader in antimicrobial hygiene protection, is launching a distinct new product Sanitized® Silver, an antimicrobial finish that can be applied without a binder not only during the exhaust process but now also during the padding process. "This is good news to textile manufacturers because this means delicate and stretchable fabrics now can be protected against bacteria and odor by using Sanitized® Silver," says Darrell Burnette, the company's new business development manager for North America.

Developed and produced in Switzerland, Sanitized® Silver is based on silver salt (not metallic silver) which is scientifically recognized as having natural antimicrobial properties. As a result, when applied as a finish to fabric, Sanitized® Silver acts on the bacterial cell membranes, which prevents their growth and hinders the reproduction of the bacteria responsible for the development of unpleasant odors – offering optimal freshness and comfort.

In addition, Sanitized® Silver carries bluesign® approval and the Oeko-Tex 100 registration (class I-IV) indicating it has undergone stringent quality tests and has met the highest requirements. "SANITIZED is an environmentally conscious company. These quality seals demonstrate that Sanitized® Silver is safe for man and the environment," says Burnette, who is a chemist by training with 20 years of textile/specialty chemical experience.

### Sanitized® Silver Benefits

❖ May be applied during the padding process, not just the exhaust process.

This means soft and stretchable fabrics that can only be treated by the padding process now can profit from this finish which prevents bacteria and odor. This is what differentiates Sanitized® Silver from other silver products.

- ❖ Improves wearing comfort of clothing and does not alter the feel of soft-touch fabrics.
- ❖ Is essential for fabrics, especially polyester, used in performance clothing found in sportswear, outerwear, and work wear. It also applies to knitwear such as T-shirts, underwear, and socks.
- ❖ Has a high washing resistance of 50 or more wash cycles at 140 degrees Fahrenheit. Performance clothing stays fresh longer and can be washed frequently without compromising the antimicrobial benefits.
- ❖ Is suited for all types of fabric construction. It offers greater flexibility by its ability to combine with a broad range of other textile finishes.
- ❖ Allows for better handling. Sanitized® Silver is a ready-to-use solution and

does not need to be combined with other products such as a binder.

**Sanitized® Silver is NOT Nanotechnology:** Sanitized® Silver is neither nanotechnology nor nano-silver. This was demonstrated in measurements taken by an independent institute using the "Generic Latex Measurement.

"The particle size and distribution measurements verified that Sanitized® Silver lies out of the nano-particle range. (Additional information on this is available upon request).

"SANITIZED AG does not use nanotechnology and currently does not sell nanotechnology-based products," says Burnette, who with his extensive sales and marketing background has worked globally with apparel companies and traditional textile manufacturers.

His responsibilities include marketing the Sanitized brand and, in conjunction with Clariant N.A., helping customers in the U.S. and Canada to find solutions to fit their needs from the Sanitized® antimicrobial product line. ♦

## SSM Schärer Schweiter Mettler AG

In the combined 300-year-old tradition of the Schärer, Schweiter and Mettler companies, which merged in 1989 to become SSM, the commitment to textile machinery and facilities for yarn processing has always been exceptional. In 1999, two other companies inspired by tradition joined the SSM Group. Stähle-Eltex GmbH and SSM merged to develop air texturing technology and to strengthen their leadership position in the marketplace. And with Hacoba as partner, SSM is able to offer a complete range of sewing thread finishing machines.

SSM Schärer Schweiter Mettler AG offers the most suitable air texturing machine for every application. The machine concepts fully exploit the potential of modern texturing jets and reach texturing speeds of up to 1200 m/min.

The SSM single drive concept allows the individual production on each position. Highest flexibility, fast product changes and highest production speeds offers its customers an efficient production of even smallest lots.

### TW2-T DIGICONE® preciflex™ air texturing machine

The TW2-T DIGICONE® preciflex™ air texturing machine with single drive tech-

nology is designed for processing of fine to medium continuous synthetic feeder yarns up to 1100 dtex (final) for single, parallel or core/effect yarns.

The proven godet heating system ensures final yarn count regularity and though excellent dye uniformities. The TW2-T yarn path concept is based on long term experience of SSM and is conceived for the finer textile yarn applications. The resulting highly innovative yarn creations are used for:

- ❖ Knitted fabrics include seamless for apparel.
- ❖ Woven fabrics for apparel and interiors fancy yarn articles.

❖ Elastic articles with elastane components. ♦



TW2-T DIGICONE® preciflex™ air texturing machine.