

# Hyosung Expands Production in Vietnam; Grows South American Swim Business

In an effort to better serve needs in Southeast Asia, as well as in anticipation of the Trans-Pacific Partnership (TPP) being approved with yarn forward rules of origin, Hyosung plans to expand its production facility of creora brand spandex in Nhon Trach, Dong Nai, Vietnam. Phase 1 will be operational in August and Phase 2 in November.

"We continue to invest in spandex as we believe market demand is going to continue to grow and our state of the art facilities will enable creora to deliver the best quality, consistency, and value to solidify our global leadership position," stated Yun-Eun Whang, president of Hyosung's spandex performance unit. Creora brand spandex has experienced significant growth in the last 10 years, according to the company, more than quadrupling in the amount of tons manufactured to 150,000 tons this year.

The company has numerous plants around the world including South Korea, China, Turkey and most recently



in Brazil to support growth in South America.

Leading Brazilian brands Rygy and Brigitte creora highclo in swimwear collections. "I will incorporate the Olympic spirit and athleticism in my newest collection. creora highclo spandex in various colors and print fabrics from TDB gave me the freedom to do that while still creating the fashion and performance I believe is so important to my customer" said Fernando Aragão, Rygy's designer, referring to the forthcoming 2016 Olympics in Rio de Janeiro. TDB is one of the highclo largest customers in Brazil.

Brigitte was founded in 2006 by Fernanda She states, "I'm always looking for new fabrics that give me the ability to create exciting swimwear collections. I chose TDB fabric with creora highclo because they allow me the freedom to concentrate my designs as I know the shape and performance will come from the fabric." ●

## PurThread Wins 2013 American Technology Award



Durham, NC-based PurThread Technologies, a life science and performance fabric firm focused on antimicrobial textile technology, was recently awarded the 2013 American Technology Award in Advanced Textile Technology Manufacturing by the TechAmerica Foundation. The American Technology Awards recognize the best products and services from across the technology industry, as evaluated by industry experts and technology leaders. PurThread's innovative process embeds antimicrobial properties into raw textile materials, before the fabric material is spun into yarn and woven into textiles. This ensures the effects of the PurThread active ingredient will not wash off or wear out over time. PurThread products range from healthcare textiles, such as privacy curtains, sheets, scrubs, blankets, and lab coats, to an array of fresh-ess products for other markets such as the military, emergency first responders and performance athletic wear. PurThread fabrics are 100 percent made in the USA. ●

## Outlast Bolsters Exec Team

Outlast Technologies expands its Boulder-based team with three new additions to support the company's continued focus on innovation, customer relations and consumer awareness. New personnel include: Madhumihika Verma, M.S., Ph.D. as lab chemist, Erin Clark as marketing manager and Patrica Harroche as office manager have joined the company.

"Our goal is a relentless pursuit of innovative ways of implementing the Outlast technology across many diverse markets. The addition of Madhu, Erin and Patrica bolsters our team's capabilities to continue to build our brand and better support our valued partners," said Michael Coors, CEO, Outlast Technologies.

Verma is a key asset to the Research & Development team at Outlast, responsible for thermal characterization testing and analysis, as well as samples separation, treatment and retention. Clark is responsible for client relationship management, and manages social media and day-to-day agency relations. Harroche leads day-to-day office operations trafficking licensee agreements.

## Allied Improves Down Moisture Resistant Technology

Allied Feather & Down has unveiled Allied Resist Down Plus, an improved treatment that coats down used in outdoor sports and recreation clothing as well as

camping gear, protecting them in extreme weather conditions.

Allied Resist Down Plus protects garments and sleeping bags from moisture, keeping dry and warm over extended periods of exposure. Factory testing shows Allied's new Resist Down Plus provides five times the resistance period of Allied's original product, which won awards for innovation after its launch in 2012.

"When consumers are protected by a rain resistant outer shell on the garment or sleeping bag plus Allied treated down on the inside, they have the best possible armor in the face of torrent weather," says Daniel Uretsky, COO, Allied Feather & Down.

Allied has been testing its new water resistant treatment in its manufacturing plant over the last year.

## Mount Vernon Launches FR Fabric and Finishes

Mount Vernon FR recently unveiled new FR fabrics and finishes at American Society of Safety Engineers' (ASSE) SAFETY 2013. FlexTex is the newest line of flame resistant (FR) fabrics under the Mount Vernon FR brand. Developed for increased comfort and movability, FlexTex fabrics include an elastomeric fiber that allows fabric to flex up to 14 percent with a 97 percent recovery. FlexTex adds mobility to fabric with no reduction in FR protection, so workers experience increased

freedom and range of motion. Mount Vernon FR FlexTex fabrics have a bilateral flex that allows them to elongate sideways and diagonally, eliminating any bunching or bagging. FlexTex fabrics meet requirements of ASTM F1501 National Safety Apparel is required to adopt the new collection.

Mount Vernon FR also unveiled amDry, a durable water resistant finish that can be applied to Mount Vernon FR fabric to provide protection to workers in very intensive jobs and industrial environments. Fabrics finished with amDry have a spray rating of 90/100. When combined with Mount Vernon FR fabrics' proven protection against hazards of electric arc and fire, amDry finishing means the level of protection can be increased.

"As industries requiring protective garments continue to grow, driving innovation through new fibers, fabrics and finishes will help meet the evolving needs and wants of workers who rely on protective garments for their safety on the job," said Mike Weir, vice president of FR fabrics at Mount Vernon FR. "FlexTex and amDry represent the first of our new innovations that we will be introducing over the next few months as we focus on the evolution of FR fabrics."

SAFETY 2013 is considered one of the most important safety health events of the year, with more than 500 exhibitors and nearly 4,000 attendees. ●