International Area >>









Emtec Electronic Gmbh Germany

A New and Objective Method to Measure the "Softness" of Textiles

The softness of textile products becomes more and more important. Studies have shown that the softness of textile products - especially of those, which get in direct touch with the skin - is one of the most important quality parameters for consumers worldwide.

The most common way to measure the softness of textile products is the hand test. These hand tests are very subjective and thus not reliable. Humans are influenced by their daily mood, personal and market specific preferences, the culture etc. Because of this, one and the same tester might rate one and the same sample differently on

To avoid the disadvantages of such hand tests, the use of an objective testing

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device is necessary. The company emtec Electronic from Germany will introduce its emtec TSA - Textile Softness Analyzer at the TITAS 2016. In the hygiene paper industry the equipment is used for about ten years now and became an industrial

standard This TSA measures the three basic parameters that determine the human hand feeling. These three parameters are the real softness (coming from the fibers), the roughness (coming from the surface profile / surface structure) and the stiffness (coming from the fibers, production technology etc.).

For more information please visit the

TAIPEI INNOVATIVE

TEXTILE APPLICATION SHOW

2017台北紡織展

OCTOBER 16-18

TAIPEI NANGANG EXHIBITION CENTER

台北南港展覽館1館

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PT. Sen Lu Indonesia

Doped Dyed Yarn is the Highlight

factory with main product yarn, established on 1997, located in Bandung, West Java, Indonesia. It sells the product to domestic and export market. The because no need to dye and the color company can produce the product with good and stability of quality because continuous hard work and support from trained employees, and of course the support from its valuable customers.

The company developed many kind of new product, which is the various yarn

PT Sen Lu Indonesia is a spinning they produced. One of their products that going to be proudly introduced is dope dyed yarn, the process on machine to become finish goods (fabrics) very short, will not faded.

Moreover, new products from the company included Open End (OE) Yarn with ne range from 3'S/1 to 30'S/1, Spun Yarn with ne range from 7'S/1 to 30'S/1 and Ne range from 10'S/1 to 30'S/1.

For more information please visit the

Kiryu-City Gunma Japan

Protein from Silkworm Cocoon Comfortable and Safe to the Skin

This year, four entrepreneurs in Kiryu- apply it on the coating of fabric, making traditional and famous Kiryu Fabric once again in TITAS 2016. Kiryu fabric has been an important center for silk textile manufacturing, for over 1300 years.

The Kiryu fabric is made of protein extracted from silkworm cocoon and

City Gunma Japan, promote its fabric more comfortable as well as protective to skin. Additionally, this technology can be also applied on the cosmetic products. The companies showcase the up-to-date weave and dye products to TITAS.

For more information please visit the

Cstar International America

A Leading Heat Transfer Applications Provider

star International Inc. is a leading provider of products for a range of heat transfer applications. With over professional design team is available to 10 years of manufacturing experience, the company offers knowledgeable and competitive services to customers

Cstar offers a range of services from custom designs to final product. Its recreate custom design within 24 hours without any additional cost. The minimum order for custom order is only 24 pieces.

For more information please visit the

Murata Machinery Taiwan

Expanding Latest VORTEX Yarn Technology

lineup of textile machinery and continues made possible by VORTEX. to evolve as a leading innovator in the For more information please visit the industry. VORTEX yarn is a technology Booth N503.

Murata Machinery Taiwan, Ltd. is which uses an air vortex to spin out the yarn. Fibers formed by these air flows machinery, which is also a provider for possess a unique structure, and this yarn spinning and synthetic fibers. To provides the yarn with a wide range satisfy needs from the daily necessities of functionalities like a less hairiness, resistance to pilling and superior moisture At TITAS 2016, Murata will absorption. Today many apparel brands demonstrate the infinite possibilities in its are creating new value added products

TAIPEI INNOVATIVE **TEXTILE APPLICATION SHOW** 2016台北紡織展 **OCTOBER 17-19**



Show Daily

Purchasing Business Meetings

TITAS is an important platform that more than 155 different Taiwan textile firms can pair both exhibitors and buyers, and creates many business opportunities especially suited to small and medium sized enterprises as well as large businesses. The purchasing business meetings of TITAS 2016 bring mutual benefits of furthermore in-depth and enlarged business chance, for Taiwan exhibitors in particular.

were consulted. Special trips were also made to international brands and retailers in Germany, UK, Sweden, Switzerland, Italy, Czech Republic, France, Norway, Holland, Russia, America, Canada, Brazil, Japan, South Korea, Hong Kong, China and New Zealand, Australia. This year's exhibition will feature more than 19 countries and regions To organize the annual TIITAS exhibition and represent a total of more than 100

In-depth and Enlarged Business Opportunities for mutual Exhibitors and Buyers brands with important procurement projects the spotlights of TITAS 2016 are the focus

including breathable waterproof products, laminating, coating, moisture wicking, blended fabrics, environmentally friendly materials, and knitted or woven functional fabrics. Also there will be companies focusing on necessary accessories such as zippers, buttons, ribbons and other products. Meanwhile, those sustainable textiles and, moreover, smart textiles on

of international buyers in particular.

Each year, TITAS plays an important role in pairing fabric manufacturers with the brands that make use of innovative and functional fabrics. To learn more about this important purchasing business meetings. please visit the TITAS website at www.titas.







BURTON

L.L.Bean







EIDER









NORRØNA



J.LINDEBERG







BLACK YAK®



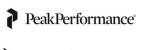
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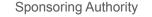
LINE 7

















SIERRA DESIGNS

ROYAL ROBBINS























Under Armour

Taiwan: A One-Stop Shop for Clothing Manufacturers

aiwan is a One-Stop shop for clothing manufacturers, offering innovative products and solution-oriented research. design and development programs, according to Under Armour, one of the top young and sportswear brands visiting the TITAS 2016.

The company, who produces their apparel in Taiwan, said ease of business makes up for the fact that the cost of doing that business might be a little higher. From basic accessories to high tech - Taiwan has everything they need. Under Armour is among a large number of buyers in Taiwan to meet representatives from the textile industry who are showcasing their products. In between meetings with textile mill owners, that success came from a culture of risk taking and the gogetter" management style of their CEO Kevin Plank, a former athlete who started the Baltimore-based company in 1996.

Most famous for its HeatGear® T-shirt, designed with moisture-wicking performance fibres, the company prides **Arc'teryx of Canada**

Sticking to Quality and Durability over Fashion

The Arc'teryx Group of Canada has maintained direct business dealings with textile suppliers in Taiwan for over a dozen years, and the partnership is much longer when including the earlier period of indirect contact. The extended history and extensive contact prove endurable and mutually profitable relationships for both sides.

A senior executive of Arc'tervx said he and colleagues have kept abreast of the latest developments in Taiwan by making frequent visits to business partners and the Taipei Innovative Textile Application Show (TITAS)

He said that there is a growing market trend for companies to produce fashionable textile items, but Arc' teryx believes that one of the best benefits for consumers is to purchase more endurable products that can last for many years rather than acquiring the seemingly

chic and trendy articles that have to be replaced or recycled sooner.

Arc'tervx gives stress on higherend products with greater performance and sustainable functions instead of commodity textiles at lower prices. This conforms to the strategy of supporting the thriving environmental protection and carbon-reduction campaigns, he added.

Major markets for Arc'teryx include North America, Asia Pacific, and Europe with Asia registering accelerated expansion due to rising incomes and popularity of outdoor activities.

He acknowledged significant progress made in Taiwan.

However, he suggested that there is always room for improvement for Taiwan when compared with Japanese counterparts, although prices quoted in Taiwan are highly competitive while Japan continuously boosts imports of materials like from Taiwan.

Vigilante Phoenix Leisure of Australia

Urging Greater Supply Flexibility

Australia has been a leading supplier of a full range of products for outdoor and leisure activities. In addition to the continent of Australia and offshore islands, Vigilante Phoenix is also a major supply source for overseas markets, including New Zealand.

Companies in the group, including Vigilante, have established outstanding reputation for brands like BlackWolf and Vigilante plus other brands like Rossignol Ski and KEEN footwear.

Taiwan suppliers have played a major

Vigilante Phoenix has shown strong speedy deliveries to market. by Taiwan manufacturers, including

More suppliers in Taiwan can also consider establishing manufacturing operations in nearby mainland China, just across the Taiwan Strait for the role in helping Vigilante Phoenix attain competitive advantages of lower labor the goal of focusing on quality and costs, and saving unnecessary crossinnovation, according to a representative border duties and slashing extra visiting the TITAS 2016. She said time caused by transshipments. She Vigilante Phoenix sets its sights on explained that Taiwan companies' innovative materials and products expansion to China will help buyers and with wider applications and stronger distributors cut costs and more flexibly meet the demands of customers by

Millet Mountain Group

Based in the Alpine town of Annecy, the French Millet Mountain Group has naturally come to specialize in apparel and equipment for mountaineers. From the company headquarters located at a height of 600 meters, we have a magnificent view of the mountains", said a Millet representative at TITAS

Apart from backpacks, ropes, sleeping bags and other accessories, the company specializes in jackets and pants, for which it has been relying on Taiwanese suppliers for a long time. They are the most technically advanced in Asia. The Japanese are also very good, but more expensive – so we prefer the Taiwanese.'

When visiting them, she said, the company is happy to see progress in the area of sustainability, for example when it comes to wastewater treatment. Eco-

or 40 years, Japanese sports

equipment manufacturer GOLDWIN

has been representing the American

mountaineering brand THE NORTH

FACE. Far from just marketing imported

goods, they are producing their own

product lines for sale in Japan and

South Korea. Their representative at

TITAS showed particular interest in

new developments in the field of water-

repellant fabrics. We are looking for

fabrics that are stretchable as well

as waterproof", he said. Because in

Taiwan, the many textile manufacturers

have specialized in order to serve

different functions, he expressed

confidence that you can find what you

said.

friendly production will remain the most

Nature is the Best Product

important trend: Maybe two years ago, some suppliers here were not able to adhere to the bluesign® principles that we signed up to, but now they are." One thing Millet is proud of concerns the production of waterproof textiles without potentially harmful chemicals known as PFC. We decided to move directly to PFC-free impregnation methods, although we wouldn't have had to." After all, tiny pieces will fall off the garment and end up in nature – the very places that Millet employees see when they look out of their windows.

Their customers place less importance on wearable technology and integrated sensors, she said. Mountaineers expect technology in their equipment, not in their garment: They want the experience of being close to nature; they don't need to be connected all the time."

Another thing that he keeps his

eyes open for are new developments

in wearable technology. GOLDWIN

already offers runners' underwear with

integrated pulse sensors that transmit

vital functions to the user's smartphone

display. However, people still need to

get used to the idea", the representative

said. In a few years, however, he expects

that there will be sports jackets and

other apparel constantly measuring body

temperature, automatically adjusting it

by means of heating and venting. Right

now, he said, our engineers are doing

research on that."

The North Face

Control Pollution at Textile Mills in Taiwan

ontrolling pollution at textile mills ✓ in Taiwan is necessary to ensure a sustainable and eco-friendly environment for textile manufacturing in terms of the Paris Agreement which enters into force in November this year, a representative from The North Face said at TITAS 2016.

The San Francisco-based company said one issue they have encountered at some of the mills in Taiwan was the degree of chemical pollution during manufacturing. For The North Face, a leader in the field of sustainable textile manufacturing, this poses a problem. But the company uses its own system of quality control, called Chemiq, to minimise chemical pollution at mills. This is similar to the bluesign[®] system to

which many textile companies adhere. The North Face uses mills in Taiwan.

Korea, China, Japan and Vietnam and yet, despite the downside, the island offers advantages that the other countries don't; like better innovation and longer term research, design and development plans. The country is also able to consistently mass produce, while at the same time offering smaller scale high end production.

On the issue of smart-technology, The North Face said while on the cards. it is still in its infant stages. We want it smart from the yarn up. We do not want to make fashion statements; we want to be able for it to improve performance and

MAMMUT of Switzerland

High Satisfaction with Taiwan Suppliers

AMMUT Sports Group AG based Vin Switzerland has been highly satisfied with business partners in Taiwan concerning product quality, prices, delivery, and communications. To meet growing market demand, Mammut continues searching for new products and TITAS 2016 presents an excellent opportunity, said two representatives from the group.

For the current visit to Taiwan, they are particularly interested in locating high-tech fabrics for processing into apparels for outdoor and mountaineering enthusiasts. More fashionable outdoor garments with lightweight materials have gained increasing popularity in recent years. But Mammut will never

compromise on the quality, toughness, and comfort functions of the products. they emphasized.

In addition to continuously upgrading technology and quality, they suggested that Taiwan companies make investments in acquiring certifications from inspection and testing agencies to ensure the healthiness of product materials and manufacturing operations Seeking customers' feedback also helps suppliers develop proper items for the market, they added.

After building a reputation for ropes, belts, and nettings. Mammut has been on a fast track to expand to other fields, including garments, bags, and footwear for outdoor pursuits.

Vigilante Phoenix Leisure Group of

interest in new materials presented

Fleece" that can increase the warm temperature up by 50% while the color of sportswear can change when the hotness fluctuates, she said. Recognizing Taiwan's capability of maintaining strong R&D achievements and rolling out new products, she urged textile companies to offer greater flexibility by accepting smaller orders for a wider range of

COLMAR of Italian Sport

On the Frontlines of Smart-tech

conscious. Colmar is a company on and smart-tech together, a representative

kind of intelligent garment," Colmar said. The family-run company is especially

GOLDWIN Looking for New Kinds of Fabrics

co-friendly, innovative, and safety known for its brand of cutting edge production is a perfect example where ski-wear. Preparing for the future, the industry players could cooperate across the frontlines of the movement to bring company has been moving into the field fields. It might not necessarily be garment manufacturers, textile producers of high-tech apparel and into a future sustainable, though, due to development where the Internet of Things will be more cost. Colmar is already producing of the Italian sport e Internet of Things than just a buzzword to market fashion garments that are able to repel water and will be more than just a buzzword to products. This is the future but it is conduct electricity and heat, linking these market fashion products, the company going to be expensive to develop this garments with the IoT.

It is also a leader in using graphene Using high-tech in textile and garment in its ski-wear and golf shirts. In fact, it

was the first clothing manufacturer to use this graphite derivative in its sportswear. Printed onto the inside of the garment, graphene is able to conduct heat or cold, it is anti-bacterial and anti-odor, all to enhances the performance of the wearer.

The company is also moving into other smart-wear areas and is looking at developing ergonomic safety ski-wear.

Woolrich

Sustainability Through Quality

Management mindset and production line processes must come together to create an eco-friendly, sustainable climate for doing business, a Woolrich representative said. This fits in well with the theme of the 2016 TITAS Show of climate-smart, sustainable and intelligent

This commitment towards sustainable and eco-friendly apparel is why to their consumers. the Pennsylvania-based company, bluesign® member. For Woolrich, knowing what is happening down the supply line 2000 to set standards to ensure holistic continue on this innovative path. safe textile production.

The outdoor clothing company lives by its core policy of quality of life. This is why it buys textiles from Taiwan despite the fact that its clothing mills are situated elsewhere (75% in China). Cutting edge innovation, consistency of production and a solution-oriented research, design and development approach allows the company to provide high quality products

itself on its use of intelligent textiles to

improve athletes' performance. This also

includes the ColdGear® range to control

body temperature. The company's future

looks equally innovative as it moves

further into the world of the Internet of

of aesthetic and functional clothes - a

sort of new cool" in sportswear, with

prints that changes color according to

the weather and athleisure" wear that

allows modern comfort without having to

There is also a drive towards more

interactive sportswear with better yarns

and fibres, that perform better and

interact differently with each other such

as the already available Under Armour

heartbox, a wristband which measures

heart rate and temperature. The

company, which has seen phenomenal

growth in the past 20 years, feels that it is

still on the right track and that intelligent

textiles are the smart way to go.

break a sweat.

Things – with plans to create a range

And the future looks good, too as established in 1830, recently became a Woolrich plans on combining its Italian and US brands (John Rich and Woolrich USA) into a more international brand. is a crucial part of their product. The This bodes well for Taiwan textiles bluesign® system was established in suppliers and serves as motivation to