

Highlights of Exhibition >>



Ho yu

Always Thinking Ahead of Clients and Acting Ahead for Clients

Established more than half a century ago, Ho yu started out as a synthetic lining fabrics manufacturer and then began to produce whatever was already popular in the market. After learning a big lesson by selling only through traders, Ho yu changed its operation mode and decided to grasp every opportunity to have direct contacts with customers and understand market trends. "After repositioning our strategy, we have established a professional R&D team to focus on industrial fabrics and decided that our product development must be ahead of the clients and ahead for the clients. In a word, a customer-oriented company" said Ching-Ming Cho, Chairman of Ho yu. Concentrating on innovation, technology and details, Ho yu is the first to manufacture warp stretch fabric in Taiwan, the first to mass produce recycled PET textiles, and the first to develop water-based PU

Aetern G.

Introducing SUNGOD PTFE Membrane

The SUNGOD PTFE nanoporous membrane is the result from years of research, adopting the advanced PFOA / PFOS Free production process in line with American and European latest environmental regulations. Using C6 and fluorocarbon-free water-repellency finish, the nanoporous membrane is laminated onto high density textile layers to provide protective, hydrophobic and highly breathable functions, making textiles suitable for professional outdoor and active wear markets. Materials laminated with SUNGOD PTFE membrane can also be used for workwear, military, policing, firefighting and medical applications, as well as home textiles, high performance shoes and filters. "SUNGOD PTFE nanoporous membrane and laminated fabrics are produced by SunGod Technology (Shanghai) and reaffirmed by our international clients. Through the cooperation with SunGod Technology, in the future, we will focus on customized

Chia-Yi Textile

Developing a Market Niche with Weaving Technologies

Established in 1997, Chia-Yi Textile has created a market niche through outstanding weaving technologies which have been recognized by global leading brands. Certified by ISO 9001, Chia-Yi is equipped with advanced Karl Mayer automated machinery with monthly production capacity of 350 tons. Through innovative endeavors, the company continues to expand its capacity to develop higher value textile products. To standardize product output, Chia-Yi has adopted automated inventory management systems to manage production lines with greater efficiency and to provide customized services to all clients. Chia-Yi products are

Max The Exclusive[®] Zipper

With a simple but useful concept, the zipper is an indispensable item widely used on clothes, suitcases, handbags, tents, sleeping bags and many other objects. It might be small. It might be discreet. But it is highly functional. Since its founding in 1978 by P.C. Hung, President of the company, Max Zipper has followed the business esprit of "in pursuit of completeness and sustainability" to develop its own brand MAX[®]. Max is now a globally known zipper maker with products used by more than 50 brands worldwide and sold to over 40 countries. "We are a customer-oriented company so we offer diversified, innovative products to satisfy market demands. Apart from textile products, sports gear, leather goods and automotive seating are also important markets for Max," said C.W. Huang, Manager of the company. Since the very beginning, Max has implemented Total Quality Management

services by investing in professional performance material development for high-end industrial apparel, outdoor and home textile markets," says Chin-Hsiang Yu, General Manager of Aetern G. Aetern G. also incorporates Japanese advanced textile technologies to develop functional finishes for fabric surface including unidirectional moisture transferring and moisture absorbing/stain-proof treatment technologies. Unidirectional moisture transferring treatment is a new-generation quick-drying mechanism that transfers perspiration outward, offering the body professional-level fast drying effect. Moisture absorbing/stain-proof technology is a sophisticated double-sided treatment that provides fabric surface with water repellence and stain resistance functions while maintaining the moisture absorption feature of the inside of the fabric so that the fabric stays clean when dry – ideal for urban office workers' wardrobe. For more information, please visit the Booth M1015.

with high tear strength and low in blasting strength. They are also snag-resistant, stiff, and diverse in nature. Its main product lines include: garment fabrics, mesh, microfibers, multi-function fabrics, suedes, footwear materials, toy materials, melange, glove materials, adhesives, and customized uniforms. Staying competitive is how Chia-Yi Textile stands out from the competition. Equipped with advanced technologies, the company actively expands the market to provide complete services to customers. In the future, Chia-Yi Textile will continue to pursue more diversity and globalization. For more information, please visit the Booth N609a.

with high standard at every phase from material sourcing, manufacturing process to final products. Ever since 1988, the company has received numerous recognitions and certifications, including Excellent Brand Award, ISO9002, Oeko-Tex Product Class I and Intertek Eco-Certification Product Class I. In addition to a wide range of traditional zipper items including nylon zippers, delrin zippers, metal zippers, invisible zippers, zipper accessories and sliders, MAX also offers innovative and specialty zippers tailored to market needs, such as flame-resistant, water repellent, heat transfer, reflective, neon, recycled, UV-proof and bicolor zippers. For TITAS 2015, Max Zipper will present its 2016/17 fall-winter collection for textile products. The company looks forward to comments and feedback from old and potential customers. For more information, please visit the Booth N731.



Chia Her

Featuring Functional Wool with Its Own Brand NwoolTec[™]

Chia Her is a R&D oriented and vertically integrated textile manufacturer that specializes in wool spinning, cotton spinning, twisting, weaving, dyeing, finishing, printing, coating, laminating and special finishing. Located in Taiwan, Chia Her develops and supplies high value-added and innovative textiles to global leading brands for outdoor, sports, fashion, home and industrial applications. The company's only mission is to provide customers with quality products and excellent services and solutions. Environmental protection is part of the company's valued tradition. Chia Her has invested heavily in setting up a waste water treatment plant and was awarded by the government as a pioneer in waste reduction in the textile industry. Today, Chia Her is internationally certified by OEKO-TEX[®], ISO: 14064 and bluesign[®], proving its determination to be a model for sustainable textile enterprises. Powered by innovation, Chia Her has successfully developed functional wool textiles by incorporating advanced technology. The result is presented by the initiation of NwoolTec[™], which appeals to sports, outdoor, leisure and fashion markets. NwoolTec[™] is categorized into six core

Danken Producing Excellent Knitwear in Taiwan and China

Danken Enterprise operates two knitting factories, one in Changhua, Taiwan, and another in Wuxi, China. The company currently has over 300 knitting machines range from 84 to 320 needles producing flat knit, half cushion, full cushion, strategic terry and knit structure variations. The company's product lines include socks, braces, stockings, five-toe socks, pantyhose, tights, gloves, beanies, wristband,

Rih Jan Excels in Circular-knitted Fabrics

Rih Jan was established in 1985, specializing in developing all kinds of circular-knitted fabrics. The company excels in applying the latest materials to produce innovative products. To meet the demands from the outdoor and sports markets, the company also focuses on researching and developing various fabrics with multiple functions. RIH JAN supplies knitted fabrics in two major categories, namely the spring/summer type and the autumn/winter type. The company also showcases fabric with color-changing prints that the color changes according to the different external temperatures, bringing a stunning colorful look. Please visit the Booth N913a.

items:
TENCEL[®] wool: an eco-friendly textile with excellent water affinity, hygroscopic property and instant cooling effect. It can rapidly release moisture along with environmental and weather changes.
CoolVisions[®] wool: a lightweight and soft textile featuring breathable and thermal with cotton-like comfort.
CORDURA[®] combat wool[™]: with high abrasion resistance to prevent pilling; its long-lasting durability is ideal for high-risk outdoor activities that require optimum protection.
Outlast[®] wool: regulating body temperature through absorption, storage and release of excess heat.
Coolmax[®] All season wool: the channeled surface of the fiber moves moisture away from the body when the wearer feels hot, and the hollow core of the fiber provides cold insulation effect for added comfort on colder days, making this textile ideal for all seasons.
Sorona[®] wool: the comfortable stretch and anti-wrinkle manageability makes it suitable for sports and outdoor wear, and a new favorite of fashion market.
For more information, please visit the Booth N1110.

sweatband and scarves. Danken focuses on developing custom-made product with excellent sock structure, durability, comfort, performance, moisture control, and anti-bacterial applications. The company is also quite active in pursuing the latest fashion trends and the newest innovations. For more information about the company, please visit the Booth N414.

Tung Ho Professional Textile

Founded in 1953, Tung Ho lives up to its company motto "customer & quality first" while always striving to advance its products. Aiming to become a top supplier in the world for staple yarns, Tung Ho is dedicated to the development of functional and eco-friendly yarns. Being a long-term partner of major material producers in Japan and Europe, Tung Ho is able to take the advantage of the latest material and market trends for its product innovation. The company is also keen to update its equipment. A recent example is the introduction of compact yarn spinning system into its production facilities, which enables Tung Ho to offer high-quality yarns with excellent properties to its clients. To ensure the quality of its products, services and working conditions, over

Acelon Eco-Friendly Functional Lyocel Filament

ACELON CHEMICALS & FIBER CORPORATION was founded in 1988. The company is a well-known Taiwan manufacturer producing products such as nylon and polyester filament yarns. To cope with the changes of climate and living environment, ACELON devotes in developing functional and eco-friendly filament yarns. ACELON presents the so-called "green" textile product that is the filament yarn with multiple colors. The coloring ingredients are added in the raw materials, which can create multiple fashionable colors on a single yarn without dyeing process. In such production, it can reduce the reliance on the petro-chemical material; lower the impact to the environment and

Erictex Seeking for Functional Textile

Established in 1999, Erictex Fashion Co., Ltd. is devoted to the development of high performance textiles with a recent focus on ultra-lightweight and Eco-friendly fabrics for the outdoors and sports markets in Europe and North America. Erictex is totally committed to providing quality service to establish good customer relationships. Erictex supplies both woven and knitted fabrics, offering a wide variety of textiles including a full layering system – base layer, middle layer and outer layer – which can be used in combination with each other to maximize the comfort in the outdoors. Base layer acts as a second skin with thermal or moisture management performance. Middle later is a high effective insulating barrier with the multiple functions helps

the years, Tung Ho has consistently been certificated to be in compliance with the standards of ISO9001, TOSHME:2007 and OHSAS 18001:2007. Its products are also proved to conform to international regulations and quality standards by Control Union, SGS and TTRI. At TITAS 2015, Tung Ho will present its latest development results mainly covering the following four series:
Health Care : SeaCell, Papolis, Milk Sanitation & Hygiene : Ginsekai, Etiquette, Sensitive.
Thermo Regulation : Dralon, SolarTouch, Viloft, FairyCool, 97.6°F, 4T, Pentas, EKS Fiber.
Natural Green : Organic Cotton, Recycled PET, Wool, Marayon.
For more information, please visit the Booth N503a, N603a.

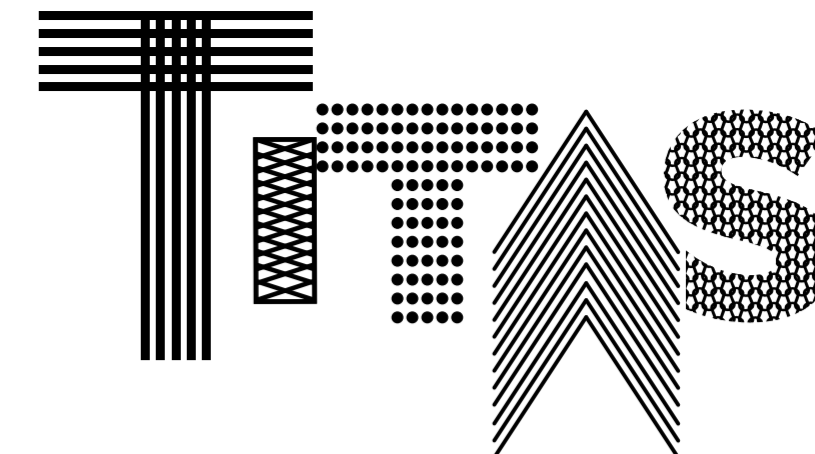
save the cost of energy. The latest yarn is produced with natural fiber, soft and comfortable, presenting a silky look as well as cool feeling. In additions, ACELON has become pioneer manufacturer in Taiwan that produces antistatic polyester yarn with high performance and durability. This yarn can be applied to the use in high-tech industry and all leisurewear with good comfort and safety. This year, at TITAS 2015, ACELON showcases the innovative environmentally friendly and functional long filament yarns that meet the trend of textile industry. ACELON is looking forward to welcoming the visitors to its booth to experience the company's new innovative textile products. For more information, please visit the Booth M629a.

you retain heat through trapped air. And outer layer is ultimate protection against the elements preventing convective heat loss as well as being windproof, waterproof and breathable. Erictex offer high performance fabrics such as ultra-lightweight (7D/10D/15D/20D), non-coated down proof which passes rain test which is also highly water proof and breathable. They also offer one way moisture transfer and stretch fabric which is widely used mainly in down jackets, ski wear, raincoats, yoga wear, sportswear, casual wear & sleeping bags. In 2011, Erictex obtained the bluesign[®] certificate from Switzerland, which allows Erictex to achieve a higher standard quality for eco-friendly fabrics. For more information, please visit the Booth M605a.

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TAIPEI INNOVATIVE
TEXTILE APPLICATION SHOW
2015 台北紡織展
OCTOBER 19-21



Day 1
Show Daily

TITAS 2015

Innovation and Performance Recreates Value for Taiwan's Textile Industry

Organized by the Taiwan Textile Federation (TTF) and under the auspices of the Bureau of Foreign Trade, Ministry of Economic Affairs, the 19th Taipei Innovative Textile Application Show (TITAS) features a total of 790 booths by 370 exhibitors coming from 10 countries and regions including Taiwan, China, Germany, India, Japan, Singapore, South Korea, Sweden, Switzerland and United States. The largest ever show scale plus a record-high number of buyers invited from international brands and retailers along with more than a thousand business meetings arranged already promises a busy and vibrant business atmosphere ahead.

Fervent participation from domestic and abroad

In addition to major players in Taiwan's textile industry such as Formosa Plastics Group, Far Eastern New Century, Eclat, Libolon, New Wide Group, Tri Ocean, Tex-Ray, Kingwhale and Everlight, textile institutes and organizations including Taiwan Textile Research Institute, Southern Taiwan Textile Research Alliance, MIT Underwear Innovation Alliance, Taiwan Technical Textiles Association, and 18 associations representing various sectors in textile chain also join the annual professional event. And for the first time, the Hakka Affairs Council will showcase a collection of Hakka-inspired textiles at the Show.

The top three foreign participating nations are Japan, South Korea and China. Delegation from city of Kiryu at Gunma, Japan joins for the second year to promote its artistic Kiryuorimono textiles. First timer Texhong, one of the top ten cotton textile companies in China, expects to find strategic partners in Taiwan. Sympatex, a German brand known for its high-tech wind-proof, rain-proof and breathable membrane, and Polygiene, a Swedish brand as well as a leader in odor-management technology, exhibit for the first time, too.

A visiting group organized by the Taiwan-Turkey Business Council makes their debut trip to TITAS and intends to explore overseas marketplace together with Taiwanese textile companies. High-ranking representatives from the Japan Textiles Importers Association come again after their last visit years ago to observe the latest development in the local textile industry. The visiting group from Korea Federation of Textile Industries (KOFOTI) hopes to learn about the development of the functional textile products in Taiwan. Another foreign visiting delegation comes from the Americas Apparel Producers' Network.

Functional textiles are now eco-friendly and chic too!

Thanks to a fully integrated textile supply chain and strong innovation and r&d capabilities, Taiwan's textile industry is able to position itself as a leading functional textiles supplier in the globe. And TITAS is the annual stage to showcase all the new innovative developments from Taiwan. For the last couple of years, "function + greenness" textiles are the focus in the Show. This year, more fashion and design elements are incorporated into products to fulfill consumers' aesthetic needs, meaning more colors, more dimensional, more prints and motifs, and more treatment and finishing effects.

Smart textiles – the New Wave

Smart textiles and wearing technology is definitely the nouvelle vague now in the global textile map. Always staying ahead in spotting trends, Taiwan's textile industry has been working hard in this field. Marking the first year for smart textiles at TITAS, some of the results such as smart clothes with embedded sensors or embedded smart technologies will be presented, no doubt an eye-catching trend to watch for.

Business meetings with high added benefits

During the three-day event, one of the most anticipated agenda is the one-on-one business meetings. Representatives of approximately 90 international brands from 18 countries are invited to meet with exhibitors. Among them some first time visitors are sports and outdoor brands Merrell from U.S., Sea to Summit from Australia, J. Lindberg from Sweden, Intersport from Switzerland, Puma and Maloja from Germany, Dynafit from Italy, Golden Win and Mizuno from Japan, Samsonite from South Korea and Canterbury from New Zealand, while for fashion brands we will see Hugo Boss from Germany, Ralph Lauren from U.S. and Lancy and Ellassay from China. These brands certainly bring excitement and business opportunities to the Show.

Seminars and presentations

12 seminars and presentations are arranged at TITAS this year, featuring new product and technology trends, development of smart clothing, development trend in bonded coating, etc.

For the fifth time, TITAS joins force with ICAC (International Cotton Advisory Committee) to organize a one-day seminar entitled "The Development of Textile & Apparel Industry under the Regional Economic Integration" on October 20, featuring Julia Hughes, President of USFIA, as the speaker. And Dhanya van der Pols, Head of Textile Innovation and Manufacturing at WFSGI will explore innovative textile materials with representatives from Nike, adidas, Teijin, and Far Eastern New Century in the seminar.

Celebrating the 20th Anniversary in 2016

With continuous supports from participants, visitors, brands and retailers from around the world, TITAS will celebrate its 20th anniversary next year. The Show has come a long way to reach what it is today and we will be expecting more innovations in the future. TITAS will welcome you again on October 17-19, 2016!

2016-2017 Fall and Winter Fashion Trends



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Formosa Plastics Group Pavilion

Highlights of FPG products at TITAS 2015

Centering around the theme "Flying High for Taiwan, Creating Possibilities for Future," Formosa Plastics Group (FPG) will show its determination to implement green policy while presenting high-quality, high-tech and high-value textiles at TITAS 2015.

The FPG pavilion at TITAS 2015 is a joint exhibition from Formosa Chemicals & Fibre, Formosa Plastics, Nan Ya Plastics and Formosa Taffeta. The pavilion features seven image areas – Lightness, Greenness, Energy, Trend, Creativity, Glamour and Warmth

Formosa Chemicals & Fibre (FCFC)

Using the latest gas phase production process from Japanese Chisso, PP pellets by FCFC feature high crystallinity and narrow molecular weight distribution and are widely applied to fine denier PP multifilament, PP/PE composite staple fiber, and non-woven fabric. The company's heat resistant PP is machine-dryable and durable with quality recognized by domestic and international customers.

FCFC is the second manufacturer in the world that can mass produce high tenacity, high wet modulus rayon with stable quality in line with ISO 2076 standard for Modal. Textiles using Formotex®, the company's brand name for rayon fiber, have the advantages of softness, comfort, good dyeability and drapability, a best choice for fashion and leisure clothing.

FCFC's eco-friendly permanent flame retardant rayon fiber uses wood as its material source and adopts Formotex Modal fiber manufacturing process to ensure the high tenacity and flame resistance of fiber after adding fire retardants. Textiles made from this fiber are comfortable and breathable due to its moisture absorption feature. With a flash point up to 450°C, the fiber does not

Nan Ya Plastics (NPC)

DESTATIC is an antistatic fiber developed by NPC. Tests in accordance with JIS L1094 B showed that the friction-charged electrostatic potential of DESTATIC was about 500-600 volts against >3000 volts for a traditional polyester fiber. Even with finishing treatments (water repellence, adhesives, etc.) the fiber's antistatic function remains. NPC has further developed 30D & 50D cationic antistatic fibers that can enhance the color effect of fabrics.

SUNCOOL is a filament yarn with UV-cut function by infusing a special UV absorbent agent into the material. Apart from the traditional 75D filament, NPC has developed 30D fine denier dull and bright filaments. Compared to traditional dull filaments, the UPF of 30D light-color

– all to highlight the Grou's latest textile collections and their comprehensive applications. FPG's fiber lines cover cotton, rayon, polyamide, polypropylene, polyester, acrylic, carbon and elastic, all serving as materials for Formosa Taffeta to develop into sophisticated fabrics by incorporating advanced including green technologies. Just take a stroll in the FPG Pavilion and you will witness the superior quality and the innovative eco technology the Group has strived for.

For more information please visit the Booth M120.

Formosa Taffeta (FTC)

FTC's 5-7D ultra lightweight fabric series boasts an average weight of under 25g/m². A windbreaker made of these fabrics can even be lighter than a lipstick (41g). FTC's innovative combination of high-tenacity nylon materials, sophisticated weaving & dyeing techniques and topnotch finishing treatments has allowed these amazingly ultra light fabrics to not only deliver water repelling, water proof, wind breaking and down proof functions but also have a look as gauzy as cicadas' wings and a touch as fluid as silk. Furthermore, products made of these fabrics are compact and packable. These versatile, multi-functional fabrics can be made into a broad range of products with diverse styles including outdoor wear, leisurewear and sportswear. Depending on styles and applications, they can highlight either fashionable function or functional fashion.

The 10D-15D fabric series adopts nylon or polyester as material, combining with advanced weaving process and dyeing techniques to produce ultra lightweight fabrics with a weight less than 35g/m². These fabrics can be processed by a variety of finishing treatments to obtain single or multiple functions, including super water repellency, waterproofness, wind protection and downproofness, therefore most suitable for windbreakers, down jackets and

shrink or deform under high temperature. After burning a char layer will form on the surface of fiber as a barrier for continuous reaction with combustibles. Formocel®, a naturally sourced rayon fiber developed by FCFC, adopts high wet modulus Modal fiber manufacturing process and meets the ISO 2076 Modal standard. The fiber is tested by SGS to be free of formaldehyde, fluorescent agents and heavy metal residues. Featuring highly moisture absorbent, soft in touch and comfortable for the skin (better than Cupra and Tencel), it is an excellent choice for facial masks. FCFC is a leading developer in 5-10 denier ultrafine nylon filament. With a fiber tenacity of up to 7.0g/D, textiles made from this material are durable, ultra lightweight, soft and highly breathable. The deep-dyed nylon filament by FCFC is suitable for fabrication combining with general nylon filament to let fabrics achieve a bi-color gradient effect through just one dyeing process. The company's low temperature dyeable nylon filament can be used alone as fabric material and can be dyed under a lower temperature, making it an energy saving, carbon reducing and cost reducing material.

Formosa Plastics (FPC)

Tairyfil carbon fiber is a carbonized filament series that has good conductivity and is stronger than steel, lighter than aluminum, and acid and alkali resistant. Its wide applications include sports goods, wind turbine blades, automobile, aircraft, vessel, CNG tank, cable core and construction reinforcement. With an annual capacity of 8,750 tons, FPC offers Tairyfil with a full range of specifications including filament tow from 1.5K to 48K, and tensile modulus from normal to high.

FPC provides a flame retardant acrylic fiber series that retains properties of acrylic fiber including warmth retention, soft touch, good dyeability and color brightness while enhancing its flame

sleeping bags.

AQUAOFF waterless eco-dyed CO₂ waterless dyeing technology. The benefits of this technology are: (1) no water resource consumption, (2) no waste water discharge, (3) reducing CO₂ discharge, (4) no dyeing auxiliary used, and (5) energy saving (e.g. Less energy is consumed during the heating phase of dyeing process and no drying is needed after dyeing.)

With the continuous deterioration of global warming and greenhouse effect, the world is faced with extreme weathers. Energy-saving fabrics delivering cool and dry comfort are excellent solution for outdoor wear. FTC's Permacool™ fabric series is made from special cooling fiber incorporating with special fabric structure and high-level finishing technology. The "cool feeling" (Q-max) triggered by these fabrics upon contacting human skin can be above 0.17W/m². A quick-drying series, the fabrics can instantly transfer sweats away through capillary and diffusion effect, therefore allowing consumers to bid farewell to extreme hot weather.

Permawarm® is a new-generation quick thermal-insulation fabric series. By converting environmental energy and body temperature into thermal energy, the series substantially achieves thermal-insulation effect, therefore a new high-tech lightweight material ideal for severe cold weather.

retardancy. During combustion the fiber generates no melting and dripping that could lead to serious skin burns. The series offers regular flame retardant fiber and high performance flame retardant fiber with limited oxygen index at the range between 29-33%. These fibers can be used alone or interwoven with wool or cotton to produce fabrics that reach the comfort offered by natural fibers and the durability of synthetic fibers while maintaining the flame retardant function. Now a flat flame retardant fiber is available from FPC. An excellent material for artificial fur, the flat fiber is functional, fashionable and warmth-keeping.

temperature by 3-5°C. This year Tex-Ray introduces the upgraded THot® technology featuring the combination of unidirectional moisture-guiding and interior ultra lightweight drying system, providing even better performance and comfort in wintertime. An eco textile technology by Tex-Ray is the water-free dyeing process ECO-Ior®. A green dyeing solution that cuts down water and energy usage as well as carbon emission, the best thing about ECO-Ior® is it provides outstanding color fastness for products. RAYs21™, a composite fabric glows in the dark, and luminous print fabric Laluna™ are two innovative textiles from Tex-Ray which only need to absorb light (sunlight, street lights or fluorescent lights) for 10 minutes and then can glow for 2 hours, hence an excellent protection fabric choice for sportswear to wear at night. Tex-Ray also introduces this year a highly visible reflective printed fabric which offers protection in the dark with intelligent heat recycling system, THot® yarns can absorb solar and surrounding energy and regenerate it into heat for human body, effectively increasing skin

Far Eastern New Century Leader in Green Polyester

FENC (Far Eastern New Century) is the global leader in green polyester industry. Through technological integration, FENC is able to consolidate resources from up to downstream sectors to continuously develop new products. In the upstream sector, it's solid-state polymer business unit, using recycled PET bottles as materials, provides food-grade r-PET bottle polyester pellet that meets FDA, EFSA and CFIA standards for food safety and is now the assigned packing material by international brands such as Coca-Cola, Pepsi and Danone. As for the textile sector, FENC's recycled PET bottle fiber TopGreen® was the assigned material to make Nike football jerseys in World Cup 2010 and 2014, making FENC the biggest eco jerseys supplier for World Cup.

Determined to become a sustainable enterprise, FENC persistently seeks ways to save energy and reduce carbon emission in every aspect of its operation. When mentioning what they have done in production process, President of Textile Industry Dept. Eric Hu says, "Water consumption and waste water have always been issues for textile dyeing industry. We have successfully developed together with our partners a water-free dyeing technology, using the reusable supercritical fluid carbon dioxide to replace water. By injecting dyestuffs directly onto fabrics in a complex high-temperature, high-pressure process cycle, no waste water is generated and the process consumes less energy and chemicals needed for coloration. On the other hand, we have considerably improved our traditional dyeing process and facilities and cut the water consumption at first by 20% and gradually moving up to 30%. Ultimately we hope to achieve zero waste water."

Emphasizing innovation, functionality, trendiness and uniqueness, FENC's green textiles are used for sports, outdoor, leisure and under wear.

Tex-Ray Focusing on Green and Functional Innovation

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Libolon Providing Customized and Comprehensive Solutions

Libolon is an entity jointly established by Lealea Enterprise and Li Peng Enterprise in 2007, covering both nylon and polyester sectors with services that range from polymerization, spinning, weaving, dyeing and post-finishing processes. Equipped with 30 years of skill and experience with fully automated production lines for bulk of batch production, Libolon provides the most comprehensive and customized solutions for local and international customers. Based in Taiwan, Libolon not only strives to be a role model for Taiwan's textile manufacturing industry, it also strives to become an outstanding corporate citizen that practices sustainable management. As the first fully-integrated manufacturer of fabric from particles in Asia, Libolon will feature the theme of "Green Circle" at its TITAS 2015 showcase, demonstrating how the company implements environmental awareness through the recycling processes, corporate management and employee

Kingwhale

Developing Performance Fabrics in Eco-Friendly Way

Kingwhale is a leading developer of performance fabrics and garments. Established in 1992, the company integrated the entire production process from yarn texturizing, knitting, and dyeing, to finished garments. Kingwhale utilizes the latest materials, machinery, and technologies to produce a diverse range of functional fabrics. Our research and development are emphasizes innovation and refining the manufacturing practice to use less natural resources which is part of our commitment to our planet. The concept of L.I.T.® (Low Impact Technology) goes beyond recycling to explore and implement textile science, a revolution of material and technology. By modifying molecular structure of polyester fibers, the yarns accept dye more readily, consuming less electricity, thermal energy, and water. This eco-friendly process allows us to create performance fabrics while we also reduce the negative impact on our environment. Their philosophy is simple: apply the highest standards of durability, flexibility, multi-functionality, and seamless execution seamlessly from design to delivery. This guiding principle maximizes business value and competitiveness in every strand. For more information, please stop by at Booth M611a.



management. One of the company's core principles is environment preservation and coexistence with nature. This principle has allowed Libolon to develop Eco-flying, a system for recycling nylons and polyesters. The company's RePET-W (Wooden Plastic Composite) is also a composite material made of wood fiber and industrial fabric waste. It can be used for home flooring, furniture, pallets, outdoor building materials, and is currently being evaluated as a green building material. Furthermore, Libolon has expanded its production lines to knitwear, nylon and yarn dyes. Libolon yarn dyes are managed by an automated system and are durable with an excellent texture which is projected to reach mass production by the end of 2015. For TITAS 2015, Libolon will display products that are eco-friendly, functional, and highly fashionable. Libolon strives to become a sustainable company with the full adoption of eco-friendly measures. For more information, please visit the Booth M308.

Eclat Textile

Innovation & Sustainability

The theme of ECLA's exhibits at TITAS 2015 is "Innovation & Sustainability". Ever since its establishment, with the support of its strong research and innovation team, ECLAT has been striving to be a leading provider of quality and functional knitted fabrics and apparel for a global sports clientele. ECLAT's strategic operation hubs worldwide help to close in on the market, satisfy customer needs, and streamline an internationally vertical supply chain from knitting to apparel manufacture for the purpose of offering a one-stop sourcing service for its clientele. Aiming to enhance the clothing quality and wearing comfort through an eco-friendly production process, ECLAT is incessantly pursuing the balance between the industry and environment while becoming a sustainable enterprise. For more information, please visit the Booth M820.



New Wide Group

The most comprehensive one-stop-for-all platform

New Wide Group emerged from New Wide Enterprises Co., Ltd. which was established in 1975. Driven by the operation policy - "Quality, Innovation, Quick Response, Social Responsibility", Sunny Huang, President of New Wide, has built a solid foundation for the company that started from producing circular knits. Over the four decades, New Wide has gradually expanded into apparel, dyeing and finishing business, providing "one stop for all" value chain services. Now the Group has turned into an international enterprise by leveraging its globally and vertically integrated advantages. As Vice President of Sales Hsi-Hsiang He points out, "New Wide Group is very much market-driven. Our R&D team is very responsive to the fashion trends, consumer behavior, technological development and regional market demand. In addition, we value feedback from our customers. We think

Everlight Chemical

Started as a manufacturer of reactive dyes, Everlight strongly believes in "Better Chemistry, Better Life." In over four decades of the company's history, Everlight has been persistent in believing that toxic free chemical products are the foundation of sustainable growth. As consumers in Taiwan become more and more environment-conscious, rather than moving facilities abroad, Everlight unwaveringly upgraded its production sites in compliance with stringent European and American environmental regulations with state-of-the-art equipment and technologies. It also pioneers in adopting green accounting system, taking environmental costs into account as one of the most important factors in making production decision. In addition to the commitment to sustainable development and consistent quality, Everlight prides itself to be "the doctor for dyeing mills." Besides pursuing technical innovation, Everlight also values technical services. More than just selling dyestuff, we provide solutions to relevant problems our customers may have. Our service teams reach out to various corners

of the world and enjoy high customer loyalty," said James Chen, President of Everlight. As a provider of dyes and colorants which play an important role in the textile industry, Everlight has the opportunity at TITAS to meet some very important international brands and retailers who are the signatory members of ZDHC (Zero Discharge of Hazardous Chemicals), and becomes their business partner. At TITAS 2015, Everlight will feature Everjet® RT and AT ink series for digital printing. These series boast toxic free production process, no residues as well as the following advantages:

High color saturation with vivid print effect and excellent image sharpness

Patented ink technology ensuring no nozzle blockage and no white lines during high speed printing



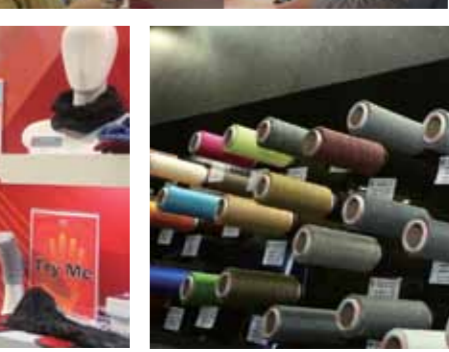
their feedback is critical to our product development. "Currently most of the clients are based in Europe and America. To implement the operation strategy of " global production and diverse markets, "New Wide is now targeting Indian and Eastern European markets. TITAS has successfully positioned itself as a platform for functional textiles. This year during the event, New Wide's exhibits will center on "Healthy Life" as the theme to showcase functional textiles made from special materials, such as biotech composite fibers and antibacterial knitted fabric containing silver nanoparticles. The apparel zone within New Wide's stand will highlight the Group's strength in sports and active wear to cover seven sport categories: running, yoga, basketball, baseball, biking, climbing, and football. For more information, please visit the Booth M709.

Introduces Everjet® RT&AT Ink for Digital Printing

High color saturation with vivid print effect and excellent image sharpness

Patented ink technology ensuring no nozzle blockage and no white lines during high speed printing

Another star product to be introduced is the Evereco® PUR high performance adhesives for functional textiles. Featuring excellent properties retention after multiple washings, this product is suitable for e-PTFE, PU and TPU membrane lamination as well as a variety of other materials. For more information, please visit the Booth M619a, N217a.



<< Highlights of Exhibition

The Incredible DreamFel® from Tri Ocean

Established in 1968, Tri Ocean operates on the basic concept of keeping performance and environment in balance. With a focus on the development of high-tech fibers, the company is a vertically integrated manufacturer with an operation from filament extrusion, yarn texturizing, fabric weaving and finishing to apparel making. Inspired by a pair of ski socks made from PP (Polypropylene) staple fiber with a price quotation of US\$16, Chairman Huang of Tri Ocean decided to invest in the development of PP filament in 1998. PP is lightweight and hydrophobic with excellent unidirectional moisture transferring effect. It is chemically inert thus difficult to dye, generating no dye waste water during its production process. PP filament with no added light stabilizer can decompose in the natural environment in six months.

Asiatic Fiber

Innovative Smart Textiles

Asiatic Fiber, with a mission to create a clean, safe, healthy and comfortable society, specializes in creating value-added special fibers or textile products to the global market. With customer base spanning as north as Sweden and as south as Brazil, Asiatic Fiber's four main product lines include: AFC® Safety series of anti-static, conductive, EM wave-shield, fire retardant products, AFC® Medical & Health series of medical fabrics, garments and silver fibers, and AFC® Outdoor series of thermal and luminous textiles. For TITAS 2015, Asiatic Fiber will present its latest functional product – Night Glowing Yarn. Taking inspiration from the legend of night glowing gem from ancient China, the Night Glowing Yarn can "glow in the dark "without connection to electricity. After absorbing luminous light for 10 minutes, the yarn can glow 4-5 hours continuously. Certified safe by Atomic Energy Council under Executive Yuan, the yarn is free of radiation, toxic-free, washable, and safe to wear. "Since its foundation, Asiatic Fiber has always been committed to a core philosophy of innovation, not only in innovative products but also innovative thinking. This philosophy has driven the company in its product development with an emphasis on "technology" and "caring" for the society. So far, the company has obtained 32 patents for its smart fibers. For more information, please visit the Booth N1202.

Patented ink technology ensuring no nozzle blockage and no white lines during high speed printing

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In sum, it is the most functional and eco-friendly chemical fiber. After several years of research, Tri Ocean overcame the inherent characteristics of PP fiber and created DreamFel®, a patented fiber the company described as "eco-friendly, lightweight, quick drying, warmth keeping, and comfortable, moisture transferring, skin-friendly, highly colorfast, stain resistant, chemical resistant and easy to care." It is now the prime choice material for leading outdoor and sportswear labels around the world. Tri Ocean is confident that PP will someday be a chemical fiber as important, if not more so, as polyester and nylon, and has recently further devoted efforts to developing PP composite materials such as PP micro fiber and PP filling materials. More new PP products can be expected from Tri Ocean in the near future. For more information, please visit the Booth M830.

Sunny Special Dyeing and Finishing

Your Global Partner

Founded in 1984, Sunny Special manufactures knitted and woven fabrics made from mainly polyester and nylon fibers for outdoor and active wear as well as for industrial purposes. The company's product profile ranges from basic textiles to wicking, PFC-free durable water repellent, UV protection, antibacterial, mosquito repellent, and breathable waterproof coated and laminated fabrics. Sunny Special is also a directly authorized maker for Invista® branded fabrics including CORDURA®, SUPPLEX®, TACTEL®, THERMOLITE® and COOLMAX® EXTREME, ACTIVE and EVERYDAY. While striving for offering innovative products, Sunny Special has devoted massive amount of resources into energy efficiency and carbon reduction for its production processes. Approximately 30 % of water and heat consumption are reduced from its energy saving facilities. Sunny Special's plant and products are approved by bluesign® and Oeko-tex®. For more than 30 years, the company has been committed to the highest level of consumer safety as well as continuous improvement of environmental performance in its production process. This commitment allows Sunny Special to stay compatible with the most well-known brands worldwide while rooting in Taiwan for sustainable development. For more information, please visit the Booth M729.

