

*Your first look at the new products and value-added services waiting for you on the show floor at IFAI EXPO 2019 in Orlando, October 1–4.*

 **EXPO 2019**

# EXHIBITOR PRODUCT PREVIEW

This fall, hundreds of exhibitors will bring you the latest products and information from the entire textile supply chain, from fibers to fabrics to shade systems; from state-of-the-art equipment and supplies to the latest in textile technologies.

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EQUIPMENT & TOOLS

**Autometrix Inc.**  
**BOOTH A937**

▶ Leading-edge software **PatternSmith 10** offers a new and improved pattern-editing environment, written with an all-new display engine for faster working, especially on larger and more complicated patterns. Improved user interface is specifically designed for pattern-makers, and helps ease the transition from other CAD programs.

[www.autometrix.com](http://www.autometrix.com)



**BTSR® USA**  
**BOOTH 2263**

▶ **ULTRAFEEDER2 Positive Yarn Feeder** is an electronic, programmable, digitally controlled feeder that grants constant yarn tension at speeds up to 2500m/min. Its job: to maintain constant yarn tension from yarn package to yarn package. Multiple feeders can be linked and communicate through Windows-based software. Applications include narrow fabrics, knitting, winding, braiding and any market needing a formation of fabric or yarn package.

[www.btsr.com](http://www.btsr.com)



**Eastman Machine Company**  
**BOOTH 2136**

▶ Efficient vacuum technology of the **Hawk TL** offers adjustable matrix-vacuum-zones to hold even the smallest material pieces correctly in position on the working area. Clear-cutting table design is meant to cut a wide range of materials at different sizes with precision and accuracy. Benefits include: single or multifunctional tool heads; powerful, digital AC servo motors; camera system to read registration marks; and wireless remote control.

[www.eastmancuts.com](http://www.eastmancuts.com)



**Eton Systems**  
**BOOTH A1067**

▶ **Customized material handling solutions** help manufacturers increase productivity and profitability and improve the workplace environment. With high labor costs and growing demand for stringent quality control and faster delivery, Eton's flexible system uses overhead conveyors to transport materials from work station to work station, and includes built-in digital recordkeeping to help optimize production.

[www.etonsystems.com](http://www.etonsystems.com)



**Forsstrom High Frequency AB**  
**BOOTH 1646**

Providing quality, durability and dependability, the **Forsstrom PTW platen welder** gives customers the ability to seal flat welds and complex shape welds on hard PVC/PET foils or PU foams. Unique software using a 12-inch touchscreen assures optimal operation, with a Welding Presets Program that allows users to make quick changes between user-defined settings.

[www.forsstrom.com](http://www.forsstrom.com)

**The Fox Company**  
**BOOTH 2047**

▶ Automatic cutting operation makes the **Aeronaut Automation Elektron B2 Ultra** an exceptionally versatile multipurpose machine, fitted with an ultrasonic tool and generator, and with an optional high-pressure Crush Cut tool. Working on window furnishings, for example, the unit will cut all four sides in one operation, and will take less than 20 seconds to do even large shapes—saving significant amounts of operator time and material handling.

▶ **Aeronaut Automation Elektron Laser Z** is specially designed for products made from synthetic fabrics, including polyesters, nylons and others, where there is a need to seal the material edge when cutting. High-speed, contactless laser cutting at up to one meter per second assures efficiency: with clean cutting, edge-sealed patterns, plus the benefits of zero nesting allowances and excellent repeatability, as well as low maintenance costs and long equipment life.



▶ Designed for the package design studio, sample workshop and small production of bags, composite materials or specialty medical products, among others, the **Aeronaut Mikron 2** is a fast and accurate industrial-strength machine in a clean, compact format. Carrying two 10-second tool-change Cam-lock tools and a marker holder, the versatile multi-role cutter can be reconfigured quickly with a rotary blade cutter, creaser, drill punch or perforating tool, as well as rotary perforating tools, marker pens and sign cutting blade holders.



▶ Crafted to be "future-proof," the versatile, industrial-strength plotter-cutter can carry up to four steered tools, to allow the machine to be configured to meet each user's specific needs, and upgrade easily when those needs change. The **Aeronaut Elektron Quattro** holds steered tools with a new cam-lock system that allows tools to be fitted and changed in seconds: rotary blades, drag knives, creasing and scoring tools, notch tools and drill punches all mount accurately and easily on large-diameter precision bearings.



[www.thefoxcompany.com](http://www.thefoxcompany.com)

**Kamber Narrow Fabric Machinery LLC**  
**BOOTH 2263**

▶ With no machine interruption or disruption of productivity, the **Hot Swap Program** is designed for managers seeking to eliminate machine downtime while machines are being reconfigured or refurbished. Kamber will build a custom machine for specific manufacturing needs and ship it before equipment is removed from the current production line. Completely refurbished looms come with a full one-year warranty.

[www.kambernet.com](http://www.kambernet.com)



## Leister Technologies LLC

**BOOTH 2075**

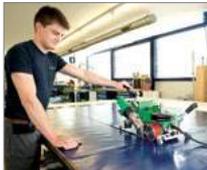
### ▶ SEAMTEK W-900

AT welder is safe and simple to use, offering energy-efficient welding for signs and banners, tarps, covers, protective clothing, inflatables, tents, awnings, flat hoses and many other industrial fabric products. Unit offers variable speed during welding, like a sewing machine, and provides flat and precise seams, even when welding curves.



### ▶ Reliable, movable UNIPLAN 300/ UNIPLAN 500 welder

allows users to change from overlap welding to hem or pipe welding in one easy step. To avoid obstacles such as grommets, rivets and hooks, unit has a moveable trailing wheel. Material-specific parameters are saved to ensure repeatable processes on future projects (UNIPLAN 500).



[www.leister.com](http://www.leister.com)

## Matic S.A.

**BOOTHS 1967, 2067**

▶ Fully automated welder for spline, zippers, hems, pockets and overlaps works with fabrics, acrylics, PVC, mesh, screens and a variety of less common materials. The **Hera Impulse Welder** is an all-in-one machine with high productivity and high welding quality, with two sets of electrodes (vertical and horizontal). For the digital printing market especially, unit has a seamless feature, patented by Matic, to assure that the weld is not glossy.



[www.maticmachines.com](http://www.maticmachines.com)

## Miller Weldmaster

**BOOTH 1404**

▶ For fast and precise welding for long straight seams, the **112 Extreme** high-performance welder has a large range of built-in capabilities to fit any company size and application. Unit is designed to increase production efficiency, reduce the costs of labor and consumables and provide fast operation for awnings, filtration, ducting, geomembranes, inflatables, packaging, pools, signs, tarps, tents and many other products.



[www.weldmaster.com](http://www.weldmaster.com)

## Mitsubishi Electric Automation

**BOOTH 2117**

### ▶ PLK-J series

of programmable industrial sewing machines offers a wide range of recently added features, functions and automation connectivity. Manufacturer's conventional sewing equipment is designed for light to heavy applications in industries such as apparel, leather, automotive and fall safety products.



<https://us.mitsubishielectric.com/solutions/industries/industrial-sewing-equipment>

## YIN USA INC.

**BOOTH 2413**

▶ High-precision cutting system cuts with top accuracy for single, low and highly cutting jobs, offering fast and dependable operation. **HY-HC Automatic Cutting Machine** offers the needed flexibility to handle virtually all industrial and technical fabrics currently used in the apparel, footwear, luggage, automotive and furniture upholstery industries, including the most difficult-to-cut materials in the packaging, aerospace and marine industries. Machine optimizes production and time management while minimizing material waste.



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▶ High-precision single- to low-ply digital, conveyable cutting machine has the versatility to cut composites, technical textiles, leather, upholstery, vinyl and rolled fabrics. **Model ITTA IC2516** is economical, flexible and precise, with an intuitive, easy-to-use software system that cuts training time and opens operations to less skilled workers.



[www.yinusainc.com](http://www.yinusainc.com)

## END PRODUCTS

## Plastic Fabric Solutions

**BOOTH 2223**

▶ Standard and custom-made **Truck Tarps** for the transportation industry are made with high-durability PVC-covered fabric and accessories to guarantee durability and a long service life. Selection includes lumber tarps, steel tarps, coil tarps, smoke tarps, roll tarps and lock-roll over tarps.



[www.plasticfabrics.com](http://www.plasticfabrics.com)

## Rainier Industries

**BOOTH 2533**

▶ **Digitally printed screens** pair eye-catching graphics and energy-saving protection from the sun. Exterior screens reduce heat and glare and help protect flooring and furnishings. In commercial applications, graphics can maximize brand identity and may double as signage, depending on local code requirements.



[www.rainier.com/shade](http://www.rainier.com/shade)

## Shellback Canvas LLC

**BOOTH 2202**

▶ Fast, temporary, easy stowage shade for sport fish and pleasure boats is provided by the **Blackstick®** carbon fiber break-down rod holder shade strut. Flex is designed into the strut, providing self-tension of the shades, and preventing them from pulling out of the rod holders. Sticks are custom-sized to the marine fabricator's shade design.



[www.theblackstick.com](http://www.theblackstick.com)

FABRICS, FIBERS & FILMS

**ABC Industries**  
**BOOTH 2259**

► **Agri-Tex Fabrics** offer excellent tear resistance, abrasion resistance and tensile strength. Simple to repair, easily collapsible and made in the U.S.



► Recommended for athletic curtains, **Duravider Fabrics** are tear and abrasion resistant and UV stabilized. Formulated with mold and mildew inhibitors, the fabric is NAFTA compliant.



► Intended for the returnable packaging industry, **Tyvek® Class-A Fabrics** offer reliable performance. The low-friction textile is easy cleaning.



► **Brushed Tricot Class-A Fabrics** have multiple uses for the automotive and returnable packaging industries. Benefits include protection from hard and abrasive surfaces and conformity to virtually any product shape.



[www.abc-industries.net](http://www.abc-industries.net)

**Apex Mills**  
**BOOTH A1239**

► Reviewed and registered with the EPA as safe for people and environment, **Apex Mills Performance Knits featuring PurThread™** yarn offer antimicrobial protection. Markets include medical, furnishings, athleticwear, consumer packaging, aviation and transportation.



► **Apex Mills Performance Knits featuring Spectra™** yarn are resistant to chemicals and harsh environments, yet provide excellent drape and conformity to complex shapes. Markets include military, aviation, marine, composites, extreme industrial, geotextiles and construction.



► For a variety of applications, the **Capacitive Touch Sensor** has programmable features for industries seeking a textile interface for touch control. Intended for consumer electronic soft e-components, medical wearables, artificial intelligence devices, contract/consumer furniture, and wall and awning systems.



[www.apexmills.com](http://www.apexmills.com)

**Bally Ribbon Mills**  
**BOOTH A1046**

► The **E-WEBBINGS®** e-textile product base is designed to serve as a customizable base for a variety of smart textile applications. The smart textiles serve as the foundation layer to which electronic intercommunicative technology is directly integrated.



► Lightweight and cost-effective, **Woven Composites** are produced through a multi-dimensional continuous weaving method. Customers will find that the new solutions reduce weight and eliminate costly, time-consuming processes.



► For cardiovascular, orthopedic and dental prosthetic applications, Bally offers **Biomedical Tapes and Webbing**. Medical items are manufactured in a certified clean room, and all efforts are made to protect intellectual property of customers.



► **High Performance Webbing** meets the demands of the military, safety, industrial, commercial and sports markets. Applications include tapes, parachute setups, harnesses, packs, chin straps, climbing webs and seat belts.



[www.ballyribbon.com](http://www.ballyribbon.com)

**Bruin Plastics Co. Inc.**  
**BOOTH 1413**

► **Mil-PRF-20696 Type II Class 2** fabrics is a New Mil-Spec Fabric for military tarps, shelters, industrial curtains and related applications. The fabrics are flame-retardant, waterproof, rot-resistant, tear-resistant and flexible with high tensile strength.



► For health care applications, outdoor furniture, sun shades and awnings, an **Expanded Range of ECY™ Mesh** is available. ECY is UV and flame resistant. Available in solid colors, stripes and patterns.



[www.bruinplastics.com](http://www.bruinplastics.com)

**Docril Fabrics**  
**BOOTH 2216**

► For solar protection, **Docril** is for awnings, sunshades and umbrellas. Manufactured with solution-dyed acrylic fiber, the fabric is less vulnerable to UV radiation and colors are guaranteed. The full-bodied fabric is not too heavy to hinder proper fit or functioning.



**Docril N** is 100 percent solution-dyed acrylic fabric for nautical equipment. Waterproof, UV protective with mold prevention treatment, the fabric endures wet climates, splashes and heavy rainfalls. Special anti-putridity finish prevents growth of microorganisms.

[www.docrilfabrics.com](http://www.docrilfabrics.com)

**Erez USA**  
**BOOTH 1731**

► Offering high tensile strength, durability and resistance to weather conditions, **Ecoat™** utilizes breakthrough polymer blending to create a uniquely strong PVC coating which is applied to high-quality polyester base fabrics. For applications related to medical, industrial, marine, environmental control and flexible storage tanks.



► **ERcoat™** technical textiles offer excellent resistance to extreme weather conditions, chemicals, abrasion and punctures. Recommended for flexible storage tanks, boats and environmental control.



▶ For medical, industrial, flexible storage tanks, marine safety, boats and architecture, **Rezcoat** offers chemical and abrasion resistance. Other benefits include high UV stability and resistance to extreme weather conditions.



▶ The breakthrough retroreflective technology of **GlowSpot®** is made for manufacturing safety equipment. It is five times more reflective than fabrics commonly used in life jackets and is required by international safety standards, providing a visible light at a range between 1-20 candelas per square meter (cd/m<sup>2</sup>).



[www.erez-therm.com](http://www.erez-therm.com)

## Gale Pacific BOOTH 2159

### ▶ Commercial DualShade 350

is a revolutionary, patent-pending knit pattern shade fabric that consists of two different color yarns to form a single, dual colored fabric. Recommended for tension structures and shade sails at parks, playgrounds, schools and other outdoor areas. Ten-year warranty against UV degradation.

[www.galecommercial.com](http://www.galecommercial.com)



## Herculite Products Inc. BOOTH 1535

▶ A high-performance composite PVC textile, **Patio 500** incorporates specially formulated flexible polymer technology and a high-tenacity polyester substrate. Heat sealable; can be decorated with signage and graphics using various methods including silk screening and hand painting. Engineered for commercial and residential awnings and canopies.



▶ In addition to its durability, **Coastline Plus** is a PVC fabric that carries a manufacturer's warranty against UV degradation or fading. Mildew, stain and dirt-resistant; patented Rain Kleen® finish provides a self-cleaning feature to reduce care and maintenance responsibility.



▶ Herculite **Natura** high-performance awning fabric is engineered for outdoor commercial awnings and canopies. Features the look, feel and aesthetic of a natural woven cloth on both the face and reverse sides. Suitable for sewing, welding, digital printing and fabrication.



▶ **Weather-Chek** is an architectural shade textile composite that incorporates engineered flexible polymer technology with a high-performance polyester substrate. Its special proprietary PVC film formulation resists scratching and eliminates installation-related damage.



[www.herculite.com](http://www.herculite.com)

## Heytex USA BOOTH 1317



**HEYseal Encapsulated Edge fabrics** work for pillow tanks, oil booms, liners, spill containment and other flexible storage products. By welding an additional material stripe, the sealing of open edges is made unnecessary, reducing total manufacturing time by up to 50 percent. HEYseal materials avoid wicking completely rather than just minimizing it—nothing seeps into or out of the tank, and there is no fouling, degradation or delamination of the coating compound. For edges opened during cutting, Heytex also offers welding strips matching the formula of the fabric coating, available in transparent and color-matched versions.

[www.heytex.com](http://www.heytex.com)

## HLC Industries Inc. BOOTH A1031



▶ **Invista™ Cordura® TrueLock™** fiber solution dyed (SDN) 6,6 fiber technology offers lot-to-lot color consistency and abrasion-resistant color. Used within the commercial and military segments for tactical body armor, bags, pouches and chest rigs.

[www.hlcindustries.com](http://www.hlcindustries.com)

## Interway BOOTH 2116

▶ Interway provides an integrated supply of **taraulins and nettings** and PP geo membrane fabrics for covering construction and agricultural businesses.



[www.interway-tarp.com](http://www.interway-tarp.com)

## Keyston Bros BOOTH 2153

▶ **Coolshade** is a Keyston Outdoor exclusive awning vinyl manufactured in the U.S. by Snyder Manufacturing. Available in 22 colors, mildew resistant and accepts a wide range of graphics and solvent-based inks.

[www.keystonbros.com](http://www.keystonbros.com)



## Milco Industries Inc. BOOTH A1124

▶ Milco Industries supplies **wide-format knitted automotive fabrics**, headliner, pillar and interior component textiles. With on-site knitting, dyeing and surface finishing, fabrics are fire-retardant to MVSS302 and additional automotive specifications.

[www.milcosales.com](http://www.milcosales.com)



## National Webbing Products Co. BOOTH 1516

▶ **Recycled polyester and organic cotton webbing** are used in straps, cases, bags, pet products and garment belts. Organic yarn and other sustainable fibers can be woven into webbing, such as hemp, bamboo and jute, as well as natural and organic cottons. The recycling process turns plastic bottles into a soft and durable fabric that is hypo-allergenic, antimicrobial and eco-friendly.

[www.nationalwebbing.com](http://www.nationalwebbing.com)



**FABRICS, FIBERS & FILMS**

**Perfectex Plus LLC**  
**BOOTH 1626**

▶ With a unique surface pattern design, **TPO302-1460** is made from thermoplastic olefin film laminated with polyester jersey. Available in single-sided or double-sided TPO; for cushions, mats, shoes and shoulder pad applications.



▶ **ET68F-0910-NYPK** is a polyether-based TPU film laminated with pique knit fabric. Meets NFPA-701 flame resistance standards and is antibacterial, anti-oxidation, breathable and hydrolysis-resistant. Recommended for hospital bed sheets and jail mattress applications.



▶ Designed for motorcycle covers and other outdoor applications, **70DHM11JS** is a heavy duty and sturdily designed fabric that is waterproof, breathable and printable. With UV resistant (grade 6) and heat resistance up to 500 degrees Celsius (model 70DHM11CT), the fabric is recommended for any type of cover, tent or banner application.



▶ **ET90-C07-150D** is an ether-based TPU film laminated with 150D polyester fabric and is Perfectex Plus' latest sublimation-able material. Designed for marketing or advertising applications that constantly need different promotional designs on their products; for apron, tent, banner and bag applications.



[www.perfectex.com](http://www.perfectex.com)

**Polyfab USA LLC**  
**BOOTH 1857**

▶ **FR Comshade®** is recommended for shade structures and shade sails for playgrounds, schools and public areas where fire resistance is important. Meets California State Fire Marshal Flame Resistance Title 19, Section 1237.1; Original State, after 72 hours Water Leaching and after 100 hours Weathering.



▶ **Parasol™** is a commercial grade knitted shade cloth suitable for tension structures and other heavy-duty shading applications. Its combination of high-density monofilament and tape offers a higher degree of protection from UV radiation; has been heat set before rolling for improved dimensional stability.



▶ Recommended for medium and large-sized high tensile commercial projects where safety and longevity are critical, **Comshade XTRA®** offers UV protection, is backed by a 15-year limited warranty and available in 13.1 foot width.



[www.polyfabusa.com](http://www.polyfabusa.com)

**Snyder Manufacturing Inc.**  
**BOOTH 2103**

▶ **Safe-Gard™ Leatherlike™** is a phthalate-free fabric with a leathery look. It can be digitally printed, screen printed, and accepts solvent-based inks or paints. Flame retardant and antimicrobial.



▶ Recommended for stadium wallpads or covers, **WeatherSpan Ultra™** offers increased UV resistance, can be digitally printed or screen printed, and accepts solvent-based inks or paints. Available in 17 colors; can be personalized with color match option.



<https://snyderman.com>

**Strataglass LLC**  
**BOOTH 1535**

▶ **CrystalClear** is a multi-layer composite vinyl available in 54 x 110 inches. No hazy blueness, no fish-eye effects, dimples or distortion; 40 mil is offered in a light smoke finish.



▶ **Strataglass** features VueShield, an engineered scratch-resistant coating that prevents fine line scratches. The proprietary surface treatment seals and protects the composite, maintaining its optimum durability and flexibility, extending the life of the Strataglass panels.



[www.strataglass.com](http://www.strataglass.com)

**Tennessee Webbing Products**  
**BOOTH 1922**

▶ UV-inhibited, 2-inch, 6000-pound tensile **Seatbelt Webbing** is 100 percent polyester, and will not shrink, rot, mold or mildew. Applications include tarps, tents, disposable slings, cargo control, tree slings, disposable burial straps, covering systems, inflatables, landfill covers, furniture/upholstery and modular home construction.

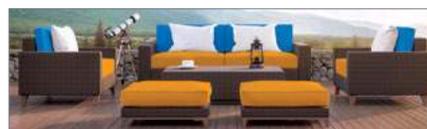


[www.tnwebbing.com](http://www.tnwebbing.com)

**Thai Acrylic Fibre Co. Ltd.**  
**BOOTH 2561**

▶ **Durashine™** is a solution-dyed acrylic fiber for outdoor applications including awnings, outdoor furniture, carpets and marine fabrication. The durable fiber offers color brilliancy and is resistant to UV rays, chemicals, salt water and mechanical abrasion.

[www.birlacril.com](http://www.birlacril.com)



## Top Value Fabrics

### BOOTH 1947

► Formulated to withstand Mother Nature, **SunMaster™** is a 7.5-ounce solution-dyed polyester that is colorfast and resists mold and mildew. Outdoor applications include marine, awning, shade and garden. Supported by a five-year warranty. Available in nine colors.



► Heavy-duty **CORDURA® HP** is an optimal print medium, offering durability and performance for products including backpacks, bags, luggage, equestrian and pet products, travel accessories and outdoor gear. Constructed using INVISTA™ textured polyester. Available in six colors.



► Strong and lightweight, **10-ounce Vinyl Coated Polyester** is most often used to manufacture truck tarps, fumigation tarps and wall pads. The heat-sealable PVC material is mildew and UV resistant. Available in eight colors.



[www.topvaluefabrics.com](http://www.topvaluefabrics.com)

## Trivantage

### BOOTH 1347

Coated on both sides, **ShadeCast™** is an 8-ounce woven polyester shade fabric available in four rich colors. Lightweight and strong, the fabric meets FR requirements of the state of California. Accepts most forms of digital inks. Available in 64-inch width on 3-inch cores.

► **Visilite™** clear vinyl offers visual clarity and durability in four styles: double polished, extruded, interleaf, and VisiliteFR, which passes the NFPA 701 Test Method for fire resistance. All styles offer easy handling and heat stability. Recommended for patio and marine enclosures, car and boat windows, commercial enclosures and tents.



► For indoor and outdoor use, the **Dickson® Graphic Fabrics** collection for digital printing includes PVC Banner and EverGreen Fabrics, which offer curl resistance and flame retardancy. EverGreen Fabrics are PVC-free and designed to meet human health and environmental standards.



Solution-dyed polyester **Hydrofend** balances high water resistance (high hydrostatic Suter test results) with breathability. With a tear strength starting at almost 40 pounds warp and fill, the fabric lets little water in and water vapor out. For marine and outdoor applications. Five-year warranty.

[www.trivantage.com](http://www.trivantage.com)

## US Canvas Products

### BOOTH 2412

► Applications for **Stock and Custom Canvas Products** include warehousing, manufacturing, construction, trucking, painting, landscaping, farming, hunting, fishing, camping and machinery protection. Tarpaulins are made of 100 percent industrial-grade premium cotton canvas duck with double-stitched, double-folded hems and commercial-grade aluminum non-rust grommets. Waterproof and fire retardant.



[www.USCanvasProducts.com](http://www.USCanvasProducts.com)

## Value Vinyls Inc.

### BOOTH 1837

► **Champion MVP 14** for athletic wall pads, gym mats and child development shapes has a leather grain emboss with FR treatments to meet CSFM, NFPA 701 and ASTM E-84. Endures long-term use while maintaining structural integrity. CPSIA certified, meeting all phthalate and lead requirements. Stocked in 28 colors.



► With 100 percent round monofilament HDPE yarns, **Monotec 370 Shadecloth** is designed for fixed shade structures, car parks, car ports, playgrounds and pool structures. Due to increased strength, stability, and the positive memory in monofilament yarn, products using the shadecloth require no retensioning. Made in Australia, with 15-year warranty for UV degradation and 10 years for FR materials.



► **Soluna 19** is a durable and waterproof fabric for awnings and canopies. Resistant to mildew, fungus and UV rays. The fire-retardant material is dimensionally stable to eliminate sagging. Also appropriate for athletic applications including baseball stadium outfield walls. Available in 14 colors.



► With fire-retardant treatment to meet NFPA 701, **StructureTec Blockout 20 (JSTB020)** is a 20-ounce premium knife-coated blockout vinyl for event tents and tensile structures. Also available in a 22-ounce version for more strength and durability.



[www.valuevinyls.com](http://www.valuevinyls.com)

**FABRICS, FIBERS & FILMS**

**Verseidag US  
BOOTH 2247**

► Recommended for architectural applications, facades and ceilings, **B18656 fiberglass mesh** is durable and features a multi-layer PTFE coating. Fire retardant, long lasting and available in a variety of colors.



► Available in translucent and opaque, **Duraskin B4617** is a PVC-coated polyester with a weldable PVDF top coat. Recommended for tension, frame and air-supported structures. Standard width of 98.5 inches, custom widths up to 126 inches. Up to 15-year warranty.



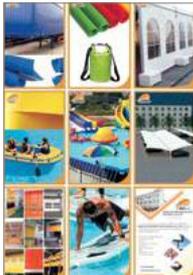
► With its consistent bright white appearance, **Duraskin B1515** has been specially developed to meet the requirements of tent and marquee construction. Versatile, top-coated inside and out, easy to clean and available in a variety of widths.



[www.verseidagus.com](http://www.verseidagus.com)

**Zhejiang Hongshida New Material Co. Ltd.  
BOOTH 2175**

► **PVC Tarpaulin and Tent Fabrics** meet the requirements of tarps, gym mats, tents, awnings, marine fabrication, spa covers, swimming pool covers, and air duct and oil boom material.



[www.hongshida.com.cn](http://www.hongshida.com.cn)

**Zhejiang PhiPher New Materials Co. Ltd.  
BOOTH 2253**

► Strong and long lasting **1050G Matte Vinyl** resists UV rays and offers good wear resistance. Recommended for marine applications.



► Meeting the flame retardant B1 standard, **41-ounce Membrane** is strong, offering good wear resistance with anti-UV, anti-mildew and anti-bacterial properties. The long-lasting fabric is recommended for use as architectural membrane for exhibitions, sporting events and parking lots.



► Coated on one side, **Cow Leather Embossed Vinyl** offers good wear resistance and anti-UV properties and is strong and long lasting. Recommended for trucks.



► Widely used in truck covers and inflatables, long-lasting **18-ounce Vinyl** offers a high level of strength, wear resistance and anti-UV properties. [www.jumfhr.com](http://www.jumfhr.com)



**CHEMICALS, COATINGS & COMPOUNDS**

**Iosso Products  
BOOTH 1740**

► Recommended for use on fabrics in the awning, marine, RV, automotive and aircraft industries, **Iosso Water Repellent** is now offered in concentrated sizes to provide significant savings to companies doing larger applications. Protects all fabrics from water, soil, oil, bird droppings and environmental pollutants, to keep fabrics looking new and lasting longer. [www.iosso.com](http://www.iosso.com)



**Neverwet LLC  
BOOTH A950**

► A family of superhydrophobic products, **NeverWet** provides mill-applied, water-based textile treatments as well as solvent-based, post-production spray-on treatments for textile applications, offering superior multi-liquid repellency. PFC-free treatments extend textile durability and serviceability. [www.neverwet.com](http://www.neverwet.com)



**Rubberlite Inc.  
BOOTH A933**

► **SUR-fex® water-based functional coatings** enhance substrate surfaces for better stretch, breathability and comfort in medical, apparel, cosmetic and general padding applications. Open-cell, "soft hand" frothed coatings do not occlude airflow, reducing heat buildup for increased comfort. SUR-fex SF100 is soft to the touch and maintains flexibility; SUR-fex SF200 is cured at lower processing temperatures, and can be directly cast on a broad range of flexible substrates such as knits, foam, film and foil. [www.rubberlite.com](http://www.rubberlite.com)



**Ultratech International Inc.  
BOOTH A1163**

► For upholstery, automobiles, outerwear, backpacks and athletics, uniforms and industrial clothing, **EverShield treatments** keep fabrics feeling like the originals, but make them easier and faster to launder in cold water, with little soap and faster drying. Treatments are superhydrophobic, oleophobic, durable and breathable. [www.evershield.com](http://www.evershield.com)



**Alpha Tubular Motors**

**BOOTH 2359**



▶ With a torque stop function, the **WSER50 Universal motor** is designed for sun shades, screens, shutters and awnings. It prevents sagging for exterior drop screens with bottom bar stoppers when raised and keeps fabric taut when screens are down.



▶ For interior shading applications that require quiet, stand-alone operation, the **WSERD30-B motor** has a built-in Li-ion battery when an A/C power supply is not available. Can run 750 cycles on a single charge and operates at a whisper quiet 32dB.



▶ The **WSMER50LED motor** is a retractable awning motor that includes a built-in LED power supply. Control lighting from one remote that allows for both motor control and LED On/Off with dimming.

[www.alphamotors.us](http://www.alphamotors.us)

**Groz-Beckert USA Inc.**

**BOOTH 2475**

▶ The **SAN® 5.2** needle is used for airbags, carrying straps, car seats, upholstered furniture and sun protection systems. The double-grooved tip guides thread, and the larger eye allows for thicker sewing thread without increasing needle thickness.



▶ The **Customer Portal Sewing** allows customers to view existing orders, search for products and order products directly and securely. Allows access to more than 2,500 products and extensive product information.



[www.groz-beckert.com](http://www.groz-beckert.com)

**The Quality Thread & Notions Company**

**BOOTH 2055**

▶ For marine applications, shade sails, awnings and tents, **SolarFix®** PTFE thread is guaranteed to last and will not lose any significant strength due to UV or chemical exposure. Available in marine-inspired colors and pre-wound bobbins.



▶ With wide applications across many industries, **Sunguard** polyester thread has dyes

that ensure maximum UV, mold, mildew, chlorine and bromine resistance. Anti-wick finish prevents seam leakage.



▶ **Vision** embroidery thread can withstand the intense exposure of UV while still remaining true to its original color. Constructed for high-speed sewing, bleach-resistant and available in 24 brilliant colors.



[www.qualitythread.com](http://www.qualitythread.com)

**Scovill Fasteners**

**BOOTH 1357**

▶ **Common Sense®** fasteners have a spring mechanism that holds the fastener under tension in desired position until turned and released by hand. Available in turn button styles. For hard and soft surface applications. Brass and other non-ferrous components ensure corrosion resistance.



▶ **DOT® grommets and washers** are constructed of heavy-duty materials to provide reliable hole reinforcement. Fabricated from high-grade brass, heavy-duty construction ensures performance in difficult environments.



▶ The 100 percent polyester construction of **DOT® Hook and Loop** products offers durability and resistance to stretching, shrinking and fading, while maintaining full closure strength in wet conditions.



▶ The snap action and holding strength of **Durable™ Snap Fasteners** feature heavy-duty construction to ensure a firm grip that remains secure through years of use in tough environments.



[www.scovill.com](http://www.scovill.com)

**Spettmann USA**

**BOOTH 1846**

▶ The **Smart-Shade App** enables control of outdoor motorized awnings and shade products through a smart device, such as a tablet or a voice-controlled device. Boosts the operating range of the remote control using a Bluetooth connection.



[www.spettmannusa.com](http://www.spettmannusa.com)

**Stimpson**

**BOOTH 1512**

▶ The **304 line** of stainless steel grommets, washers and snap sets has expanded its product and size offerings for plain grommets and washers, rolled rim grommets and spur washers, and stainless steel plain and screw stud snap sets.



[www.stimpson.com](http://www.stimpson.com)

**Supply Bright**

**BOOTH 1759**

▶ Offering **awning extrusions, tools and supplies** to companies manufacturing their own awning products to cover windows, walkways, doorways and patios. Products are 100 percent compatible with each other and meet the guidelines of the Match Component System.



[www.supplybright.net](http://www.supplybright.net)

**YKK U.S.A.**

**BOOTH 1746**

▶ The **QuickFree®** zipper provides a smart insertion and quick release function in one zipper. To release, simply tug garments apart above the slider. The new slider body design makes insertion easy.



[www.ykknorthamerica.com](http://www.ykknorthamerica.com)