

टेक्नोड वदयोपु

News that keeps you ahead

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LM WIND POWER



headlines- technical textile

Sr	Title
1	<u>Brands urged to use Do Not Flush logo</u>
2	<u>LM Wind scouts sites for new blade plant in South Africa</u>
3	<u>Kelheim to show viscose fibres for filtration at Filtech</u>
4	<u>Dunmore tapes protect components of spacecraft Cygnus</u>
5	<u>SGL restructuring to achieve costs savings of €150mn</u>
6	<u>AGY divests continuous filament mat business to Stonewood</u>
7	<u>RISE to showcase innovation in polymer chains</u>
8	<u>Eight French companies to partake at Tectextil India</u>
9	<u>Record number of exhibitors partake at Tectextil India</u>
10	<u>ATE shows latest technical textile machinery at Tectextil</u>
11	<u>TeXtreme helps Oracle Team USA to win Americas Cup title</u>
12	<u>Technicaltextile.net to partake at Tectextil India</u>
13	<u>Conwed to exhibit latest netting innovations at Tectextil</u>
14	<u>Sangeeta International launches medieval era tents</u>
15	<u>Richard Bott joins Lear Corp BoD</u>
16	<u>RFID to help know 'end of life' for incontinence products</u>
17	<u>Texprocess Americas 2014 Symposium to address technological advancements</u>

Note: Click on Headlines

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Business India

Fashion and clothing's

Technical textile

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Brands urged to use Do Not Flush logo

INDA, the Association of the Nonwoven Fabrics Industry, the National Association of Clean Water Agencies (NACWA), the Water Environment Federation (WEF), and the American Public Works Association (APWA) have agreed to work together to reduce the burden of non-flushable disposable products in the wastewater system.

To assist companies with product flushability assessments and to provide guidance on proper labelling, INDA and its European counterpart, EDANA, recently released a Code of Practice for manufacturers and marketers of wipes and other disposable nonwoven products that includes a detailed decision tree to determine the proper labelling of a product.

Economic burden

“Some products are designed to be flushed, while others are not. It is the products that are not designed to be flushed, but get flushed anyway, that are creating the problem for wastewater systems and we are working collaboratively to change this,” said President of INDA, Dave Rousse. These products have been linked to expensive clogging issues for utilities and can potentially lead to costly sewer back-ups in communities and households across the country. The associations believe that rigorous product assessment before making a flushable claim, along with improved product labelling, would significantly reduce the amount of non-flushable items in the sewer system.

“The problems in the sewer system are caused by the flushing of products that don’t properly break apart in the sewer system – products such as baby wipes, personal care wipes, paper towels, and feminine care products,” commented NACWA Director of Regulatory Affairs, Cynthia Finley.

New guidelines

According to the third Edition Guidance Document for Assessing the Flushability of Nonwoven Disposable Products published by INDA and EDANA, before a flushable claim can be made for products intended to be flushed, the product should be subjected to the seven rigorous tests.

If a product is not designed to be flushed, but used in a manner where the consumer might flush it nonetheless, then the Code of Practice prescribes that the product packaging should display the Do Not Flush logo prominently and of a minimum size or larger.

“INDA’s new Guidelines demonstrate continued progress for determining flushability,” commented Manager of WEF’s Water Science & Engineering Center, Christine Radke. “We also believe that the Guidelines could be further improved to ensure that flushable wipes break apart more rapidly and, therefore, are more sewer-friendly.”

Proper labelling

“Prominent use of the Do Not Flush logo on package labels represents a viable path forward for educating consumers and reducing the amount of non-flushable items in the wastewater system,” said Director of Sustainability at APWA, Julia Anastasio. “We are excited to see more brand owners using the Do Not Flush logo, with some even using the logo on the top of packaging where it is easily seen by consumers each time they use the product.”



“We welcome the support of NACWA, WEF, and APWA and look forward to continuing our dialogue as we tackle this problem together. We all support good product stewardship and doing what’s right for the environment. That includes making sure that products that claim to be flushable will not harm the sewer system, and educating consumers on proper disposal by ensuring that disposable products not designed to be flushed are properly labelled with the Do Not Flush logo,” said Rouse. [29.]

LM Wind scouts sites for new blade plant in South Africa

Leading blade supplier to the wind industry, LM Wind Power, confirmed its intentions to expand its manufacturing base to the African continent.

In 2011, LM Wind Power signed a cooperation agreement with Industrial Development Corporation (IDC) to jointly work to establish local manufacturing of blades to reduce costs for wind turbine manufacturers, make wind energy more competitive and provide local jobs.

The company now reveals that it has confirmed interest from customers in order to proceed to the next stage.

LM Wind Power will be looking for a suitable site location for a blade manufacturing facility on the coast of South Africa between Cape Town and the Port Elizabeth areas. The factory will be based on LM Wind Power's proven modular factory concept recently used for fast construction of its facilities in the USA, Poland, China and Brazil and could generate employment of up to 300 people once fully operational.



The South African government has indicated that it wants a wind market of about 5-600MW per year over the next two decades and it has recently launched tenders for several MW of renewable energy including wind.

The auctions call for increased local content percentages that would benefit local production of major components like blades, which typically make up approximately 15% of the price of a turbine. Local manufacturing will provide more competitive wind energy as well as create new local jobs and knowledge opportunities combined with growth for local industries.

Søren Høffer, LM Wind Power VP Sales and Marketing, commented: “Many customers seek our support to their efforts in developing the market for wind energy in South Africa. We are pleased to make this announcement which confirms our commitment to help them succeed, using our technology and innovation to harness wind energy profitably and with maximum operational reliability and logistics savings.

“The development in South Africa coupled with increased local content requirements have the potential to drive the development of a local wind energy supply chain, which could ultimately lead to South Africa becoming a manufacturing hub for all of or part of the African continent. Political vision and commitment can make that scenario real. LM Wind Power aims to play a prominent role.” [82.]

Kelheim to show viscose fibres for filtration at Filtech

At FILTECH in Wiesbaden, the largest Filtration event world-wide, Dr. Philipp Wimmer, a member of the R&D team of Bavarian viscose fibre manufacturer Kelheim Fibres, will show how the properties of a filter can be precisely controlled and optimised by the addition of speciality viscose fibres.

In contrast to other cellulosic fibres such as cotton, for example, viscose fibres stand out not only as a result of their definable and reproducible geometry, which enables a perfect match to be made to the specific processing route or end application.



The porosity or surface of a filter can, for example, be controlled precisely by adding the appropriate viscose fibres with specific cross sections. Furthermore, the incorporation of functional additives allows the manufacture of tailor-made fibres according to the end product's exact demands.

The benefit: the additives are locked in the fibre and have no impact on the filter's physical properties – and at the same time, they maintain their effect!

Kelheim's fibres are ISEGA certified and medically and environmentally compatible. They are therefore ideally suited for sensible applications like hygiene or medical products, for example in HME filters (Heat and Moisture Exchange filters) used in respiration equipment.

Viscose fibres have a neutral taste and can be used in filters for food and beverage applications such as tea bags or coffee pads. If viscose fibres with ion exchange properties are used here, the coffee pad also delivers an additional water softening effect. Another special application is the decolouring of waste water of dye factories: tests have shown that filters with the cationic activated Danufil Deep Dye fibre offer particularly fast and effective dye absorption. Furthermore, Kelheim's scientists are analysing a whole range of possible applications. Thanks to the diversity of their product catalogue – from extra absorbent to water repellent fibres, from flame retardant to ion exchange fibres – there are almost no limits to the imagination.

And as well as this, as they are manufactured from a 100% renewable material, viscose fibres are carbon neutral when incinerated at the end of the filter's life span or can – depending on the residue in the filter – be composted. [30.]

Dunmore tapes protect components of spacecraft Cygnus

DUNMORE Corporation multi layer insulation (MLI) films and tapes will protect vital components and wiring aboard Orbital Sciences' spacecraft "Cygnus" as it docks with the International Space Station for the first time.

Aerospace company Orbital Sciences used DUNMORE high performing thin films and tapes on its Cygnus advanced maneuvering spacecraft, which launched from NASA's Wallops Island Flight Facility this morning. Cygnus will rendezvous with the ISS as part of the Commercial Orbital Transportation Services program (COTS) demonstration mission, marking the first of two scheduled demonstration missions to the ISS. Eight scheduled follow-on missions are part of NASA's Commercial Resupply Service (CRS) program, a contract consisting of at least twenty total resupply missions split between SpaceX and Orbital Sciences.



"Providing MLI material to Orbital Sciences gives DUNMORE a presence in both of the U.S.-based commercial supply missions to the International Space Station," said Dan Sullivan, DUNMORE Sales Director.

DUNMORE is a key supplier of high-performance films for aerospace and an important partner for NASA and its commercial subcontractors. DUNMORE's high-performance, thin-film-based MLI materials protect spacecraft while contributing less to a spacecraft's weight than options like metal sheeting and composite panels.

DUNMORE materials are at work on the Hubble Space Telescope, the International Space Station (ISS) and NASA's science missions. DUNMORE is also supplying MLI materials to the Mars Science Laboratory – Curiosity and the upcoming MAVEN mission to study Mars' atmosphere.

The Orbital Sciences demonstration mission consists of the Antares rocket and the Cygnus spacecraft. Antares is a two-stage launch vehicle designed to provide low cost and reliable access to space for payloads weighing up to 6120 kg. Cygnus is an advanced maneuvering spacecraft developed by Orbital to deliver cargo under a NASA Commercial Orbital Transportation Services Space Act Agreement.

About DUNMORE

DUNMORE Corporation is a global supplier of engineered coated and laminated films. DUNMORE offers film conversion services such as coating, metalizing and laminating along with contract film manufacturing. DUNMORE produces coated film, metalized film and laminating film substrates for the Aerospace, photovoltaic, graphic arts, packaging, insulation, surfacing and fashion industries. [31.]

SGL restructuring to achieve costs savings of €150mn

As part of the “SGL2015” cost savings program announced at the beginning of August, SGL Group – The Carbon Company – has initiated a comprehensive package of measures.

This package comprises the global production network, the organizational structure as well as the Group’s portfolio and is targeted to achieve cost savings totaling approximately €150 million by the end of 2015, based on the actual costs for 2012.

Thereof savings of €50 million will already be realised in 2013. In connection with the program, there will be non-recurring expenses and extraordinary write-downs which will be recognized in accordance with IFRS in a timely manner, most of which should be accounted for with the 2013 annual financial results already.

Robert Koehler, CEO of SGL Group, said: “Together with the Company’s top management we have developed the packages of measures for our group-wide ‘SGL2015’ cost savings program that are to be implemented largely in 2013 and 2014. It has been achieved in close cooperation with the Supervisory Board which will follow the respective implementation continuously.

“We have set ourselves the goal of achieving cost savings by the end of 2015 totaling approximately €150 million with ‘SGL2015’. The objective of ‘SGL2015’ is to sustainably enhance SGL Group’s competitive position and simultaneously improve its profitability.”

With the program SGL Group responds to the difficult market conditions, characterized especially by unsatisfactory price developments in graphite electrodes, a cyclical downturn in our graphite specialties business as well as ongoing losses in the Business Area Carbon Fibers & Composites due to delays in the development and start-up phase.

Review of production network and portfolio

In particular, the global production network will be adjusted to the changed circumstances. This realignment is expected to improve capacity utilization and reduce fixed costs and includes a review of the production sites as well as potential relocating of production and consolidation of processes at certain sites within the production network. The restructuring of the Company’s portfolio comprises the potential relocation or transfer of activities into partnerships as well the possible termination or disposal of non-core activities.

Efficiency gains through the streamlining of organizational structures

Along with the streamlining of the activities and the portfolio, the Company will also review and adjust its organizational structures. This will lead to a simplification of business processes and the streamlining of management structures. [32.]



AGY divests continuous filament mat business to Stonewood

BDA is pleased to announce that its client AGY Holding Corp. entered into an agreement to sell 100% of the assets in AGY Huntingdon, LLC to Huntingdon Acquisition Co., LLC, an entity established for this purpose by Stonewood Capital Management, Inc., a Pittsburgh-based private equity group. BDA acted as the exclusive advisor to AGY on the transaction. The transaction is expected to close in October, pending the satisfaction or waiver of the conditions precedent.

AGY is a leading global producer of fiberglass yarns and high-strength fiberglass reinforcements used in a variety of composites applications. AGY serves a diverse range of markets including aerospace, defense, electronics and industrial. AGY Huntingdon produces Continuous Filament Mat ("CFM"), a unique glass fiber product used in the production of electrical insulation panels, pultruded shapes for industrial products, energy market products for power generation and oil rig safety, and composite parts for automotive interiors.

Drew Walker, President and CEO of AGY, said, "We are delighted to announce the agreement with Stonewood Capital to purchase our Huntingdon business unit. We see this divestiture and the sale of AGY Shanghai, which was concluded earlier this month, as critical steps in successfully implementing our business strategy. These actions allow us to concentrate more intently on our fine yarns and S-2 products, and provide to our customers, high quality advanced materials that are made in America."

Kenn Moritz, President of Stonewood Capital, said that "Stonewood is excited to invest in the CFM business and assist the Huntingdon management team in its efforts to capitalize on growth initiatives."

Taylor Whitman, Director of BDA's New York office, added, "BDA is glad to have emerged as a leading advisory firm in the fiberglass space, having now helped AGY execute two transactions in the past few months. We are uniquely placed to assist in the consolidation of this industry, in which US and Chinese companies will inevitably play a significant role." [44.]

RISE to showcase innovation in polymer chains

To maximize the mechanical properties of polymers, crystallization is induced via orientation of polymer chains. Often the methods to orient the chains are mechanical in nature, like stretching, and are not always effective.

Miko Cakmak, Ph.D., University of Akron, Harold A. Morton Chair & Distinguished Professor of Polymer Engineering has discovered that the addition of clay nanoparticles during the melt phase results in novel orientation behavior of the polymer chains.

This can profoundly enhance the physical properties, particularly in fiber spinning. Dr. Cakmak will present his findings at RISE 2013.

Other new ideas for raw materials at RISE 2013.

"Mineral Solutions for Polypropylene Nonwovens": Chris Paynter, Director of Technology & Innovation, IMERYS Performance Minerals NA

"Bedbug and Termite Control via Nanofibers": Miriam Rafailovich, Ph.D., Distinguished Professor, Shan He, MS, Linxi Zhang, MS, Department of Materials Science, SUNY at Stony Brook

"Breathable Reactive Hot Melt Adhesives for Textile Lamination": Lee Polance, Global Product Director – Reactive Technologies, HB Fuller

"Using Foamed PSA Adhesive Technology to Stretch Your Manufacturing Dollars": Rick Klaus, Manager-Nonwoven Systems & Web Coating Group, Nordson Corporation. [46.]

Eight French companies to partake at Techtexil India

Eight French companies representing the technical textiles sector will be presenting their innovations at the French Pavilion in the Techtexil India tradeshow being held from 3rd to 5th October in Mumbai. Organised by UBIFRANCE, the French pavilion, in partnership with Espace Textile and Techtera, will showcase state-of-the-art French technologies in the field of Technical Textiles.

France's innovations will be on display in Hall 6, Booth A48/B33/B34/B38.

With a turnover exceeding €5.4b in 2011, France is one of the world's and Europe's leading producers of cutting-edge technical textiles. The sector involves a core target of 355 French businesses with a 29.9% average export share.

France's dynamism truly materialised with the founding of the European Centre for Innovative Textiles (CETI) in late 2012, a one-of-a-kind place in Europe devoted to research and innovation in the textiles sector. Its aim is to develop textiles that are able to provide the 21st-century economy with creative solutions.

The last edition of Techtexil India in 2011 attracted 130 exhibitors and close to 4,000 business visitors. Given a market that is expected to double by 2016/17, reaching €22b, India is undoubtedly a favourite destination for French companies in the technical textiles sector.

The following companies will partake:

ANDRITZ ASSELIN-THIBEAU is a worldwide, major supplier of Excellence cards, crosslappers, ProDyn, drafters and needlelooms.

With the ACS system, ANDRITZ Asselin-ThibEAU is introducing its latest innovation in cross-lapping technology, capable of handling bulky card webs when feeding a cross-lapper.

ANDRITZ KUSTERS is one of the world's leading suppliers of machines and technologies for the nonwoven industry: Its product portfolio comprises wetlaid production lines, calenders and wet finishing equipment as well as calenders for the textile industry.

ANDRITZ PERFOJET is recognized as a leading company in spunlace industry. With the neXline spunlace, which includes the Excellence carding system, the Jetlace hydroentanglement process, the neXaqua dewatering unit, the Perfodry through-air dryer, and the neXcal twin embossing calender, ANDRITZ can provide a single-source solution with high productivity and very attractive energy efficiency to produce spunlace fabrics.

Dedicated to the French textile companies (apparel fabrics, home textiles and technical textiles), ESPACE TEXTILE provides focused services to enhance their creativity, capacity of marketed innovation and international development.

TECHTERA, the pole of competitiveness is dedicated to innovative technical textiles

H. PETIT & CIE is a leading specialist in supplies for textile industries: manufacture of reaming spindles, spare parts dealer for textile machines (over 6,000 references), production manufacture of original equipment parts for textile machines, creation, in collaboration with the customer, of special parts.

PENNEL & FLIPO manufactures ORCA engineered fabrics to protect man, equipment and the environment. Its products are sold worldwide for Marine - Industry - Safety.

PROTECHNIC, one of Europe's leading manufacturers of thermoadhesives roll form provides customized solutions to the need of lamination for many materials, used in very diverse markets: automotive, garment, building, sport.

VERDOL is a process expert in Twisting, Assembling, Cabling, Covering & Winding of yarns made of synthetic, artificial, natural and mineral fibers. VERDOL designs and manufactures machines for many sectors of the Technical yarn markets: Industrial Yarns, Tire Cord, Carpet, Glass Yarns. [45.]

Record number of exhibitors partake at Techtexil India

Exhibition space for Techtexil India 2013 is fully booked, and visitors planning to attend can look forward to another successful Messe Frankfurt event. From 3 – 5 October, a record number of 160 domestic and international companies will showcase products, technologies and services.

An increase in visitors from India and around the world are also expected to well top the over 3,800 visitors from the previous show. Mr Raj Manek, Managing Director, Messe Frankfurt Trade Fairs India Pvt Ltd, said: “We are very pleased that this year’s Techtexil India is fully booked with a record number of exhibitors. Many brands have come to use this platform to introduce technical textile and nonwoven innovations to the Indian market.”

The popularity of Techtexil India has grown as well, with government bodies and major stakeholders coming forward with their support to take the event to a new and exciting level. Techtexil India 2013 is supported by Coir Board, National Jute Board (NJB), Indian Technical Textiles Association (ITTA) along with industry giants SRF Ltd participating as Platinum Partners and Garware-Wall Ropes, ATE Enterprises Pvt Ltd, MEP-OLBO and Reliance Industries Ltd as Gold Partners of the event.

When asked about his reason for participating as an exhibitor at Techtexil India 2013, Ashish Kaushik, Managing Director, Montex Glass Fibre Industries Pvt Ltd, India noted: “We have been accompanied on our journey to success by Techtexil India. With every event, we receive a wealth of new insight from the industry and learn about new markets and innovations in technical textiles.”

Benji Smith, Product Manager – Performance Fibres at Zeus Industrial Products, USA, said that participating in the trade fair was a “very valuable and productive experience” for his company. He added: “The majority of our leads from the show have real potential, and by exhibiting, we are able to make contact with a variety of professionals in the fibre market and stay up to date on the state of the industry”.

Karel Lansu, Director – Marketing & Sales, Klieverik Heli B.V., Netherlands, first time exhibitor at Techtexil India, stated: “We are delighted to take part at Techtexil India. Together with our representative, International Caliber, we are eager to expand our business in the growing market for technical textiles in India.”

At Techtexil India 2013, several companies will present innovative technologies and products suited for the Indian industry such as:

- Reliance Industries will demonstrate Recron UVS, a revolutionary fibre which adds strength and provides protection from ultra violet light in geotextiles
- Sidwin Fabric Pvt. Ltd. will unveil their reflective coated nonwoven fabric insulation barrier and their new brand of agricultural nonwoven products, ‘Agriwin’
- Georg Sahn GmbH & Co. KG will introduce a new compact winder for technical yarns

The Techtexil India Symposium is a valuable highlight that brings together global industry leaders and experts to address current research and trends in technical textiles and nonwovens.

The two-day Symposium, scheduled from 4 – 5 October, will draw attention to opportunities for India in the context of key products, technologies and their application areas, including Medtech, Protech, Composites and Filtration. Other topics addressed will be industrial technical textile fabrics, adhesives as well as certification and green initiatives through technical textiles.

Located at Hall 6 of the Bombay Exhibition Centre in Mumbai, Techtexil India 2013 will open its doors from 10 am to 6 pm. [75.]

ATE shows latest technical textile machinery at Tectextil

India based, A.T.E. Enterprises Pvt. Ltd, which represents several renowned global textile machinery brands in India, will participate in the Tectextil India tradeshow being held from 3rd to 5th October in Mumbai. A.T.E. Enterprises will be showcasing the latest innovations in technical textiles and nonwovens technology at the show.

A.T.E., which closely tracks global market trends, has understood the importance of technical textile since 1996 & started tying-up with world leaders to bring solutions for technical textiles to the Indian market.

It has simultaneously also invested heavily in building its technical expertise in this field and today, is the only company in India with capabilities to offer a complete spectrum of equipment solutions, backed with deeply embedded knowledge, in technical textiles.

Truetzschler Nonwovens, Germany (Booth C-18): Truetzschler Nonwovens is an expert in offering complete lines and solutions for needle punch, spunlace, chemical and thermal bonding. The company is also present in loose stock drying ranges – for bleached cotton, wool scouring, etc, supported by its own card clothing. The German plant also makes world class PSF and carbon fibre lines, while its Switzerland outfit combines decades of experience in development, design and construction of spinning systems for BCF yarns as well as technical yarns for industrial applications.

Wenzhou Seek Benefit, China (Booth C-18): offers its equipment as effective and competitive solutions for spun bond, melt blown and their composites. With sizeable installation base, Wenzhou is already well established in India.

Monforts, Germany (Booth C-18): Backed with over 125 years' experience, Monforts offers cutting-edge technology in finishing machines, which include stretching ranges, flow through dryers, belt dryers, high temperature stenters, vertical dryers, finishing ranges, universal dryers, twin therm dryers, thermo bonding ranges, coating lines suitable for glass fibre fabrics, light protection, tarpaulins, billboards, artificial leather, floor coverings, artificial grass, nonwovens, spacers, etc.

Zimmer, Austria (Narrow Fabric Digital Printing) (Booth C-18): Zimmer continues to innovate into further areas of its expertise and latest technology to hit the market is the Colaris NF digital printer, can print /dye elastics and rigid tapes on single, as well as both sides at speeds of up to 50 m/min with resolutions of up to 360 x 720 dpi. The machine can be delivered as stand-alone, integrated in existing dye range or as one complete continuous range.

Zimmer, Austria (Coating) (Booth C-18): Zimmer offers coating machines with Magnoroll for universal applications using a magnet system with electromagnetic roller allowing high quality coating results with perfect uniform liquid, paste, lacquer and foam applications, which can be achieved on various substrates such as textiles, paper, foil, nonwoven, fiber glass, tissues and innovative materials. Zimmer TRIPLEXCOAT is a compact coating machine with a precision back roll, knife, screen and slot coating unit for all the different substrates mentioned above.

Mahlo, Germany (Booth C-18): Mahlo is one of the world's leading producers of measurement, control and automation systems for the textile industry with products such as weft straighteners, pattern detection systems and online process monitoring & control systems, online product, colour & coating inspection, and data management systems for textile, nonwovens, etc.



Lacom, Germany (Booth D-23): Lacom is a leading supplier of laminating and coating machines using hot melt technology for flexible products. Products include applicators for slot die, gravure, multi-roller, multi-purpose, scatter, dispersion, laboratory machines and customized plants including lamination of automotive fabrics, hospitals/hygienic, protective clothing, military clothing, sportswear, incontinence, shoes (upper fabric and toe and heel inserts), upholstery fabric, side airbag (design airbag), all kinds of knitted fabric, scrim, nonwoven, spun bond and high loft up to 25 mm thickness, PVC - with foam for dash boards, glass fibre, Kevlar / Aramid, all synthetic, natural and animal fibres, Velcro with velour and more.

Ceia, Italy (Booth D-21): Ceia has been working since the 1960s and is now a leader in the development and production of metal detectors for industrial and security applications as well as for ground research. The CEIA electronic metal detectors belong to the family of micro-sensitive bar metal detectors whose high quality and reliability are universally recognised by leading world manufacturers of industrial machinery. Ceia equipment is being widely used in the textile, food, pharmaceutical, mining and plastic industries.

Luwa India (Booth A-34): Luwa, a Swiss company, has been pioneering the air handling systems since 1935 and today, holds a leading position in India and abroad. It offers innovative systems to effectively handle air, as well as heat recovery systems for the traditional, as well as technical textile industry. [76.]

TeXtreme helps Oracle Team USA to win Americas Cup title

With an epic turnover defending champions ORACLE TEAM USA miraculously won the 34th Americas Cup sailing with totally 9-8 in points, coming back from being down with 1-8.

Oxeon, through the proprietary TeXtreme Spread Tow carbon fiber reinforcements, are a Preferred Supplier to the team and have contributed to weight savings and improved mechanical performance on selected composite parts.

Oxeon, market leader in Spread Tow reinforcements sold under the brand name TeXtreme, is a company originating from Sweden focusing on helping companies achieving performance benefits and weight savings through the use of their TeXtreme carbon fiber reinforcement solutions in the composite parts.



To their website, ORACLE TEAM USA founder Larry Ellison said: "This was the most magnificent spectacle on the water. These 40-plus knot catamarans are amazing. By going to catamarans we tried to make sailing a bit more extreme, friendlier for the viewing audience. A lot of people weren't interested in sailing, and now they are."

The AC72 catamarans used in the 34th Americas Cup races can reach speeds on about 46 knots, which equals 75kph/46mph. The weight of an AC72 wing is the same as a small car, but it is 26 times the height with its 40m/131,2ft.

"We are extremely happy to see ORACLE TEAM USA winning this prestigious title and are glad for whatever part TeXtreme has had in this success. Alongside victories in Formula 1, Tour de France and Stanley Cup we are very proud to add Americas Cup to that list of achievements made by TeXtreme users", said Andreas Martsman, VP - Marketing & Sales of Oxeon.

Besides ORACLE TEAM USA TeXtreme is used in the marine industry by selected companies that are benefitting from the increased performance, weight reductions and superior surface smoothness of TeXtreme. Other customers can be found in Formula 1, bicycles, ice hockey, NASCAR, advanced aerospace, and various industrial applications, etc. [80.]

Technicaltextile.net to partake at Techtexil India

Technicaltextile.net an initiative of Fibre2Fashion, and the first ever interactive "Product Specific Global Portal" designed to facilitate the sourcing & marketing needs of the global technical textiles and nonwoven industry will partake at 'Techtextil India 2013', to be held from October 3 to 5, 2013.

The Technicaltextile.net team will be at hand to explain its services to visitors
Booth No – C-60

Technicaltextile.net covers the entire gamut of Technical Textiles including Woven's, Nonwovens, Finished Products, Composites and Raw materials and Machinery. The portal also gives key information about the Product Characteristic, Application, Raw Material, Technology and Suppliers / Buyers for over 180 chosen key products."



at

Fibre2fashion.com attracts more than 1.5 million global visitors on its online platform. It has been ranked the No-1 website for textiles and nonwovens globally by Alexa.com (leading web info provider from USA. Ranking.com has named Fibre2fashion.com as the No-1 solution providers to the textile industry.

In the last few years, Fibre2fashion.com too has turned into a one-stop sourcing & marketing solutions provider for the worldwide textile, apparel and fashion industry. Apart from its services and solutions, it also offers tailor-made service packages.

Technicaltextile.net & Fibre2fashion.com have been associating their names with some of the biggest and best events in the global textiles, technical textiles and apparel trade fair industry circuit.

This year alone, Technicaltextile.net & Fibre2fashion.com have attended some of the most talked about trade fairs like Technotex India, 10th Dhaka International Textile & Garment Machinery Exhibition 2013 (DTG 2013), ITM Turkey, now Techtexil and many more to follow.

Covering over 3,000 sqm exhibiting space, Techtexil India 2013 will be over 50 per cent bigger than the previous edition and more interactive than ever before. Along with the increase in floor space, international participation in the 2013 exhibition is also up.

At Techtexil India 2013, over 130 exhibitors from India, Italy, Japan, Sweden, the UK and the US, in addition to national pavilions from Belgium, China, France and Germany will present the newest products, services and technologies in technical textiles and nonwovens.

The Technicaltextile.net team looks forward to meeting you at Techtexil India 2013. [77.]

Conwed to exhibit latest netting innovations at Tectextil

Conwed, the leading plastic netting manufacturer in the world, will be exhibiting at Tectextil India 2013 in Mumbai, India (October 3-5, 2013) and displaying its latest netting innovations. The International Trade Fair for Technical Textiles and Nonwovens gathers more than 100 industry leaders from around the world and Conwed Europe is joining as part of the Belgium pavilion.

“Our European headquarters in Genk, Belgium serve customers in Europe, Asia, Africa and Australia. We see enormous value in attending industry events such as Tectextil India because we can share how our plastic netting can provide superior performance and functionality to different fabrics, nonwovens and textile materials,” said Frank Theunissen, Business Development Manager, Conwed.

Conwed netting is used in industrial and consumer products in many different industries. It provides lightweight reinforcement to create superior composites with various substrates. “Whether it is film, paper, foam, nonwoven or any other fabric, our team can customize the precise chemical formulation to create the desire composite. We can develop sophisticated designs such as co-extrusion and bi-component netting that require different performance characteristics within the same netting configuration and even elastomeric netting that can replace spandex and stretch films,” said Theunissen.

From automotive, filtration, medical, hygiene and disposable products to agriculture, apparel and building and construction applications, Conwed helps manufacturers, OEMs and converters develop their next product innovations.

About CONWED

Conwed is the leading plastic netting manufacturer in the world. Conwed manufactures extruded, oriented and knitted netting with unique customization capabilities. Headquartered in Minneapolis, Minnesota, Conwed has five manufacturing locations on two continents and a global distribution network. [78.]



Sangeeta International launches medieval era tents

Medieval Era Tents for Medieval re-enactment groups and festivals are being re-created by Sangeeta International. Sangeeta International is planning to re- create and develop the designs inspired from the tents of the middle ages. Its design team has done much research work on the tents and camps of the medieval era and soon we will be launching an entirely dedicated line of tents and pavilions inspired from our ancient and very glorious past.

In European history, the Middle Ages, or Medieval period, lasted from the 5th to the 15th century. It has collected and studied a lot of paintings of that period. During that time, a number of wars were waged, and tents were an integral part of these wars.

Sangeeta International has planned to re-create that magic of living in tented camps of the middle ages. The Medieval tents had many shapes and uses, there were the Round Pavilions, the imperial pavilion, round end marquees, bell tents, double wedge tents, tudor pavilion, saxon tents, sulter's tent.



Sangeeta International is going to re-create that magic of hand- made canvas tents from the Middle ages. It plans to exclusively re-create and develop the Imperial flags, tents, pavilions, marquees, for participation in Medieval festivals and medieval re-enactment group fairs.

New middle age pavilions : The round shape is inspired from the paintings and hand drawings of the middle ages, to give the beautiful slanting shape to the canvas walls, giving larger inner area for utilization and the authentic feel of the middle ages. It shall also customize the colors of the stripes, the size, the inner prints etc of the pavilion to suit your liking. We shall also offer a wide variety of Medieval inner prints and motifs of the Imperial era.

Sangeeta International, are leading Manufacturers, Suppliers & exporters of medieval tents, for the medieval re-enactment festivals. It makes hand- made cotton canvas tents, historic tents & imperial pavilions for medieval groups. Mr. Jasvinder Singh Bhui is enterpreneur and exporter of Medieval Tents & Pavilions. [79.]

Richard Bott joins Lear Corp BoD

Lear Corporation, a leading global supplier of automotive seating and electrical distribution systems, announced that Richard H. Bott has been appointed to Lear's Board of Directors, effective immediately.

Mr. Bott worked in investment banking for more than 35 years at Morgan Stanley and Credit Suisse First Boston (now Credit Suisse), where he provided financial structuring and strategic advice to numerous large American and international corporations, with a focus on industrial, automotive and transportation companies.

At the end of 2007, Mr. Bott retired as Vice Chairman, Institutional Securities, of Morgan Stanley, a position he had held since 2003. Mr. Bott currently serves on the Board of Directors of Genesee & Wyoming Inc.

"Following a comprehensive search process, we are extremely pleased to welcome Dick to Lear's Board of Directors," said Henry D.G. Wallace, Lear's non-executive chairman. "We sincerely appreciate the active involvement and support of Mick McGuire from Marcato Capital Management LLC, who participated with us in this process."

While at Credit Suisse First Boston, Mr. Bott worked in a variety of investment banking positions including being a founding member of the Project Finance Group, Chairman of the Investment Banking Committee, Head of Global Industry Groups and Co-Head of Investment Banking.

He also led the firm's Chrysler team in the recapitalization of the company in the early 1990s and in the merger of Chrysler with Daimler-Benz in 1998. Wallace added, "Dick's extensive investment banking experience and deep knowledge of the capital markets adds a valuable perspective to our Board."

Mr. Bott holds a BA from Princeton University in Economics and an MBA from Columbia Business School.

Lear Corporation is one of the world's leading suppliers of automotive seating and electrical distribution systems. The Company's world-class products are designed, engineered and manufactured by a diverse team of approximately 113,000 employees located in 36 countries. [81.]



RFID to help know 'end of life' for incontinence products

Val Marinov, Ph.D., Associate Professor, University of North Dakota-Fargo and his team have created a new form of "smart" materials using RFID technology.

Using their patent-pending process called Laser Enabled Advanced Packaging (LEAP), ultra-thin RFID chips are assembled and transferred to a flexible substrate.

Twice as fast and lower cost than current manufacturing processes, LEAP assembles chips with dimensions, such as thickness, well below those possible using conventional methods. This opens the door for RFID chips to be used in flexible packaging and hygiene products such as Adult Incontinence, diapers and pull-ups.



When wet, the diaper could alert nurses and care-givers that the product has reached end of life and help reduce the number of diapers changes saving time and money. Future applications include sport apparel and pharmaceuticals and other applications where product feedback is valuable. Dr. Marinov will present more about this break-through technology at RISE 2013.

Other presentations at RISE 2013.

"MiFIT: Microfluidic-Fabric Interfacial Technology for Biofluid Manipulation": Tingrui Pan, Ph.D., Associate Professor of Biomedical Engineering, University of California, Davis

"Stretching Nonwoven Performance": Elena Novarino, Ph.D., Development Scientist, Fitesa

"Nonwoven Ultra Clean, Greige Cotton Wound Dressing Demonstrates Wound Healing Properties": J. Vincent Edwards, Ph.D., USDA-ARS-SRRC, Southern Regional Research Center

"Mass Reduction – Opportunities and Challenges in the Automotive Industry": Greg Schroeder, Senior Research Engineer, Center for Automotive Research (CAR). [83.]

Texprocess Americas 2014 Symposium to address technological advancements

The latest technology, applications, and advancements in the sewn products industry will be presented by experts and leaders during the Texprocess Americas Symposium that will be held from 13-15 May at the Georgia World Congress Center in Atlanta, concurrently with the exhibition.

Developed to address the needs of the sewn products industry, the Symposium will contain ten sessions with more than 60 presentations that will cover a wide range of topics.

Non-apparel sewn products

The Symposium will discuss the advancements in labour saving devices and attachments, programmable equipment and fully automatic equipment.

The session aims to help manufacturers of non-apparel sewn products, whether technical, industrial, furniture, bagging or other, to stay up-to-date.

Synchronizing the cutting room

Technology has raised the bar on the cutting room floor, turning it into a real source of productivity, efficiency and cost savings. The

integration of software, advanced production systems, and real-time support from CAD, cut plan, fabric allocation, roll management, table management, and related processes may deliver a sustainable competitive advantage.

Under the spotlight will be the Cut Order Planning software that is said to bridge the gap between ERP and CAD systems and automatically generate an optimal cut plan by mixing products, styles, and sizes based on actual orders and fabric inventory.

Welding and stitch-free seam technologies

Stitch-free seaming technologies, that are extensively used in performance apparel, sportswear, and fitted active wear, will be another focus of the discussion.

The technology, welded or bonded, is said to make the technical outerwear less bulky and more form-fitting while retaining the latest advances in waterproof and breathable capability.

Welding is the process of joining pieces of synthetic fabrics with various methods: hot air, hot wedge, RF, ultra sonic, plunge, laser, and impact. Bonding, on the other hand, can be performed on two pieces of fabric by placing a heat activated material (adhesive) between them.

Automation, smart machines, and robotics

Automation and robotics are used in the manufacture of sewn products to reduce cost, improve quality, enhance productivity, and de-skill operations for sewn products manufacturers.

The topic of the discussion will be an entirely automated process that may replace the need for seamstresses in factories.



Design and product development

Fashion design and product development taken as a whole is an integrated process whose function is to market a continuous stream of new products at a profit.

Product development can become a strategic differentiator for a company when it's carried out quickly, accurately, and thoroughly communicated with the team.

The focus of the session will be software tools, such as digital sketching, pattern and grading, PLM, and PDM, that may enable faster creation and conveyance of product ideas.

Needles, threads, and garment construction strategies

Needle and sewing thread greatly impact stitch formation, seam appearance, and the finished product. The right selections can lower overhead and increase profitability without adding labour.

This may also reduce the carbon footprint and allow a company to become a more sustainable manufacturer.

Smart garments and e-textiles

The rapid advancements in technology are creating a whole new industry of smart garments and wearable technology, which involve the merging of electronics with textiles, creating so called e-textiles.

These advancements can offer different kinds of intelligent, functional, fashionable, and comfortable properties to the wearer, making it appeal to sportswear, functional wear and fashion markets.

Fit, sizing, and virtual try-on technologies

Body scanning, fit, sizing, sampling, and 3D virtual try-on technologies continue to pave the way as fashion and apparel supply chains become more digital and require more customisation.

These technologies said to improve profitability through superior products that are designed using the latest market data, are tested in virtual space, and are brought to market very quickly. [84.]

thank you,

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Kindly provide your valuable suggestions for our improvement.

If anybody having complaint related to any information/content which we had incorporated in this newsletters please mail us.

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