

# Technical Textile Markets

Business and market analysis of worldwide trends  
in fibres, technical textiles and nonwovens



Bringing the international  
technical textile industry  
into **focus**

Technical Textile Markets provides  
essential and up-to-date analysis and  
insight on the global fibres, technical  
textiles and nonwovens industries



# Bringing the world's technical textile industry into focus

Companies are turning to technical textiles as a means of offering added value in order to remain competitive in the textile industry. The reports in **Technical Textile Markets** provide the information you need to plan your strategy in this sector. **Technical Textile Markets** provides market data and analysis of new and established markets for technical textiles. It is essential reading for senior executives in (or supplying) the man-made fibre, nonwoven and technical textile sectors. It is also essential for those who are not involved in the industry on a day-to-day basis, but who need an **authoritative source** which helps them to quickly gain an **understanding of the key issues**.



## Reports in Technical Textile Markets include:

- **company and country profiles** – giving you the opportunity to learn from strategies employed by others in terms of production, sourcing, imports and exports, investments, infrastructure and development, and plans for the future
- **profiles of the world's top 40 producers of nonwovens** – updated each year with details of developments from each of the leading producers, including products and markets, manufacturing facilities, acquisitions, investments and divestments, and analyses of the trends which the “rising stars” are using to their advantage
- **statistical reports** – including production and consumption data by fibre type and end-use application
- **market sector information** – analyses of important commercial end-use applications, and profiles of established and emerging markets which take into account developments in technology and innovations in key fields, including corporate social responsibility (CSR), nanotechnology and intelligent textiles
- **business news** – including details of acquisitions, investments, joint ventures, market forecasts and financial results in the sector
- **editorial features** – providing “food for thought” and information to support your strategic planning

*plus*

- a monthly update of business news called **Technical Textiles Business Update**, delivered to you by email throughout the period of your subscription

## Technical Textiles Business Update

Subscribers also receive **Technical Textiles Business Update** by email, once a month.

This supplement contains an update of business news, covering acquisitions, investments, joint ventures, market forecasts and financial results.

## Electronic access

**Technical Textile Markets** is normally supplied in printed format. However, you may also choose to receive the information in electronic format – and you can choose from a single named user licence, a corporate site licence, or a corporate global licence – depending on the number and location of users. Prices are available on request.

The electronic version offers the following benefits: the PDF files are available immediately on publication, so you don't have to wait for the printing and mailing; instant access even when you are away from the office; convenient storage in your PC or laptop; portability; electronic search facility; and copy/paste facility.

*“Technical Textile Markets keeps me informed on new textiles and applications”*

Sam Simpson Jr,  
Vice President Global Sales,  
Gerber Technology





## About Textiles Intelligence

Textiles Intelligence is a leading provider of business information on the global fibre, textile and apparel industries - via printed publications, online access to news and information, and conference presentations from our team of industry experts.



## Below are some short summaries of reports which have been published recently in Technical Textile Markets:

### • Japanese Nonwovens Producers Look to the Chinese Market to Add Value

The largest spunbonded nonwovens operations in Asia are the subsidiary companies of Japanese firms operating in China. Such firms have invested in China in order to produce commodity products profitably by taking advantage of China's

lower labour and production costs. But Japanese nonwovens manufacturers are now realising that there are opportunities for doing more profitable business by exporting huge quantities of Japanese-made value-added materials to China.

### • Carbon Fibre in Cars: Concept or Future Megamarket?

In this editorial feature, Robin Anson looks at the huge potential for carbon fibre in the automotive industry, and includes examples of companies which are entering this market. The report compares and contrasts usage of carbon

fibre in aircraft and cars, and points out the advantages and drawbacks. In a climate of uncertainty, it is encouraging that research continues into potentially lucrative markets for fibre producers.

### • Personal Protective Clothing: Ensuring Worker Safety

This report addresses the main hazards in working environments and their effects, and the steps that can be taken to prevent injuries. The main hazards include extreme temperatures, fire, potentially dangerous objects and harmful substances. The main categories of protective clothing include chemical and hazardous material (hazmat) clothing, clean room clothing, combat uniforms, cut resistant workwear, flame resistant workwear, high visibility apparel, medical protective clothing and multi-functional protective wear. Fibre types employed include aramids, cotton, modacrylic,

polyamide, polybenzimidazole (PBI), polypropylene, ultra high molecular weight polyethylene (UHMWPE) and Vectran. Leading brands of fibres and fabrics used in protective clothing include Cordura Baselayer fabric, Gore Chempak Selectively Permeable Fabric, Defender M, Kermel, Kevlar, Nomex, ProShield, Protera, Sungrazer, Tychem and Tyvek. The report also includes information on standards and legislation in the personal protective equipment (PPE) sector, as well as information on potential growth markets and opinions on future drivers of growth.

### • Developments in Medical Textiles

Textiles and textile fibres have long played a vital role in the medical and health care sector - but the role has advanced dramatically beyond bandages and incontinence products. This report illustrates recent developments in dressings,

drinking additives, sutures, casts, stents, cell growth, nerve regeneration, antimicrobial fabrics for medical applications, textiles for delivering drugs and medical garments.

### • UV Protective Clothing: Key to Reducing Skin Damage

UV protective clothing can offer vital assistance in the fight against skin cancer. Over recent years, a number of companies have introduced fabrics and garments which are both functional and fashionable, and provide UV protection without sacrificing comfort or breathability. Lightweight, breathable fabrics have been developed which can offer as much

protection from UV radiation as heavyweight denim. The report provides an introduction to UV radiation and its effects, as well as information on fabric properties which influence UV transmission, methods of boosting UV protection in clothing, plus industry standards and markets for clothing which offers these benefits.

### • Technical Textiles in the Czech Republic: Profiles of a Cluster and Six Major Players

This report looks at the success enjoyed by many Czech textile firms which have capitalised on the advantages that can be gained by focusing on technical textile production - less manual labour, less pressure on prices, and less competition from low cost Asian countries compared with textiles for

consumer products. The report examines Clutex, a technical textile cluster in the Czech Republic which has 23 members, and six manufacturers: Juta, Mehler Technologies, Svitap, Technolen, Pegas and Kordárna.

### • Profile of SGL Carbon Fibers and Composites

SGL Group is a specialist in carbon fibres and composites based in Germany. The company's operations are grouped into three business areas, namely Performance Products (PP), Graphite Materials & Systems (GMS), and Carbon Fibers and Composites (CFC). The CFC unit is in turn divided into

Carbon Fibers and Composite Materials, and Composite Components. This report provides a profile of the company, and includes details of its development, corporate structure, products, composite components, financial performance and future prospects.

### • Profile of Alpha Pro Tech: A Rising Star in the US Supply of Disposable Protective Products

Alpha Pro Tech is a company whose sales increased by 67% during a global recession. The report provides details of the company's products and markets, its distributors and competitors, and its financial performance. Much of the company's success was due to the fact that its face masks were

recommended by the Center for Disease Control (CDC) as being effective against "swine flu". However, the company has also faced difficulties head on, and has been successful in adapting its strategies quickly to overcome a variety of challenges.

Whether you are involved in man-made fibres, nonwovens or technical textiles – as a manufacturer, converter, importer, exporter, or as an end user – or if you are in education or consultancy or investment or finance – a subscription to **Technical Textile Markets** will tell you what you need to know about the key trends in the industry.



Technical textiles are used in a wide range of end-use applications and markets, including agriculture; automotive; building and construction; engineering; medical and hygiene; packaging; protective clothing; sports and sportswear; and transportation. A subscription to **Technical Textile Markets** will support your decision making, and provide you with the information you need to expand into new markets.

## You can buy publications online from the Textiles Intelligence website – including individual reports – and download them instantly

# Textiles Intelligence

Please visit [www.textilesintelligence.com](http://www.textilesintelligence.com) and view the company's extensive list of reports – covering all aspects of textile and apparel trade and production trends, and much more.

For more personal advice, customers can still call up the customer service team on +44 (0)1625 536136 or email the company ([info@textilesintelligence.com](mailto:info@textilesintelligence.com)) with their questions.



## Examples of recently published reports:

### Company and country profiles:

- Japanese Nonwovens Producers Look to the Chinese Market to Add Value
- Profile of Alpha Pro Tech: A Rising Star in the US Supply of Disposable Protective Products
- Profile of SGL Carbon Fibers and Composites
- Technical Textiles in the Czech Republic: Profiles of a Cluster and Six Major Players
- Coated Industrial Textiles: Coating Technologies and Profiles of Three Specialist Producers

### Market sector information:

- Developments in Medical Textiles
- Developments in Military Clothing
- Innovations in Technical Textiles
- Personal Protective Clothing: Ensuring Worker Safety
- UV Protective Clothing: Key to Reducing Skin Damage

### Strategy:

- Carbon Fibre in Cars: Concept or Future Megamarket?
- Europe's Polypropylene Fibre Industry is Still a World Player
- Europe's Research Roadmap for New Personal Protective Equipment (PPE)
- Fibres and Technical Textiles Face Tough Times but South American Infrastructure Investment May Provide a Boost
- The 2010 Polyolefin Gold Rush Could Benefit Technical Textile Producers
- The Way Ahead for Technical Textile Producers
- Weaker Markets Spur Acquisitions in the European Technical Textile Industry

For further information about Textiles Intelligence reports and publications, or to place an order, please contact us using any of the following.

**Mail:** Customer Services, Textiles Intelligence,  
Alderley House, Alderley Road, Wilmslow, Cheshire SK9 1AT, United Kingdom

**Phone:** +44 (0)1625 536136    **Fax:** +44 (0)1625 536137    **email:** [info@textilesintelligence.com](mailto:info@textilesintelligence.com)