

safety and protection

performance fibres

intelligent textiles

sports and leisure

medical textiles

technical fabrics

construction

geotextiles

automotive

composites

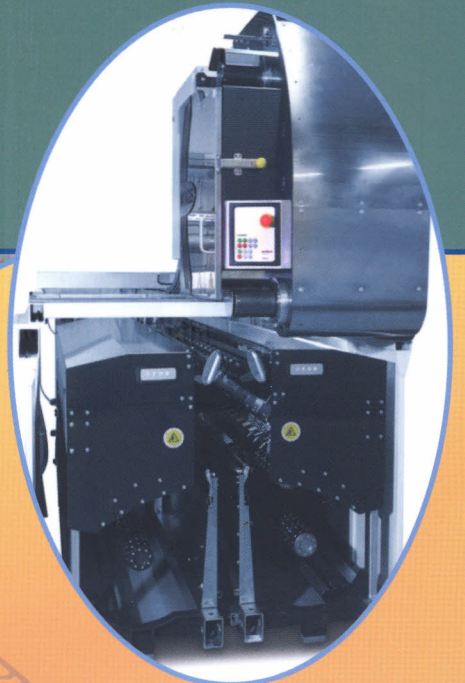
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TECHNICAL *Textiles* international

MAY/JUNE 2012



- **What to look for at ITMA Asia and ANEX**
- **How to maintain protective clothing**
- **Markets and research in India**
- **More ways that textiles save lives**



aerospace

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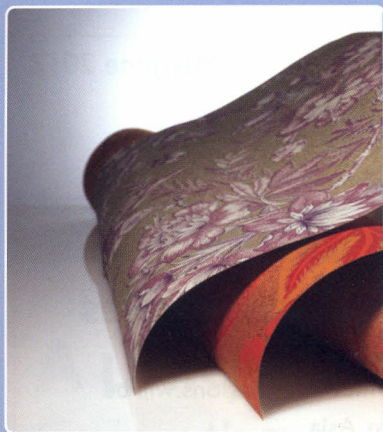
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- Teijin develops world's first aramid nanofibre for mass production
- Tapered weaving creates tendons and ligaments that are lifelike
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Asia offers major opportunities for nonwovens in several high-performance markets. Ahead of the ANEX nonwovens show, Adrian Wilson investigates what some of the major manufacturers of both disposable and durable fabrics are doing in the region pages 21–25.



Robert Long and Mike Palin discuss the issues surrounding Europe's requirement for manufacturers to provide care instructions for personal protective equipment (PPE) clothing pages 27–30.

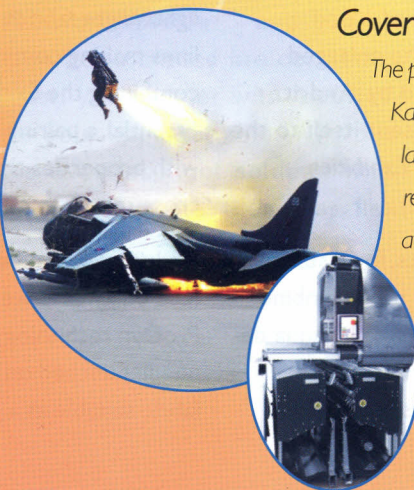


Reena Mital assesses where the markets are in India, and how these will affect the investment decisions of local and overseas manufacturers pages 37–40.

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Cover pictures:



The pilot of a Harrier Jump-jet who was forced to eject at Kandahar airfield, Afghanistan, following an emergency landing entrusted his life to the safekeeping of a system that relies on many textiles components, as Ian Holme learned at a conference in Manchester, UK, pages 31–35.

The first production systems involving Oerlikon Textile's take-up winding machine for fully drawn yarn have been commissioned in the first quarter of 2012. The machine will be a highlight of the now China-based company's exhibit at ITMA Asia, pages 2–20.

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