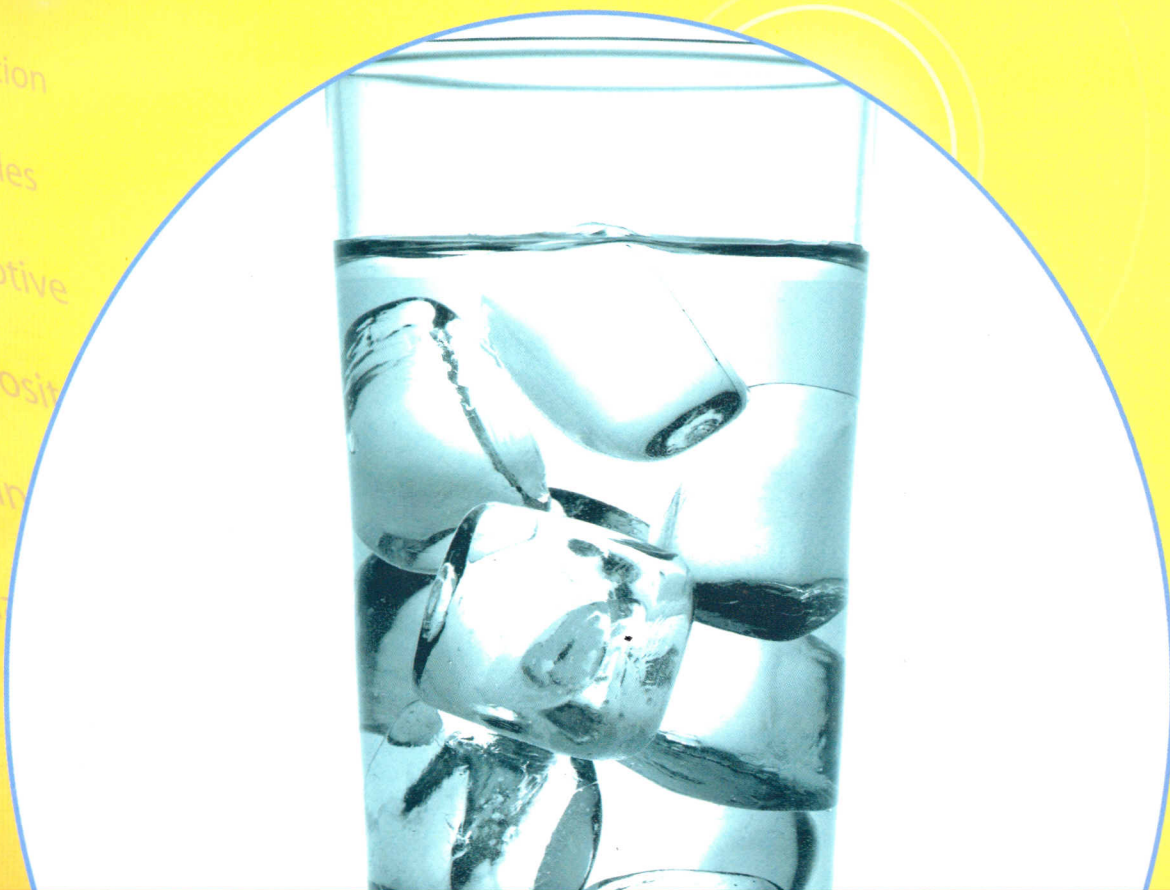


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DECEMBER 2010



- *Nonwovens and nanofibres supply clean water*
- *Pneumatic cast for hand radius fractures*
- *High technology repellence for apparel*
- *Global environmental challenges*



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# TECHNICAL Textiles international

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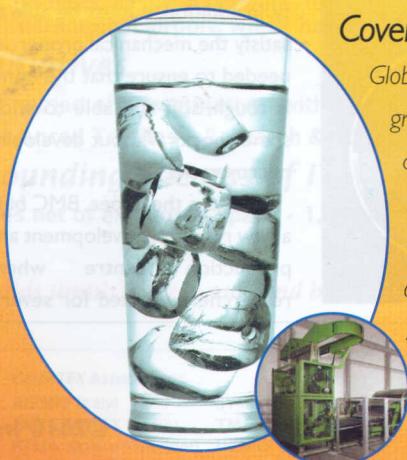


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Global water consumption continues to increase as the population grows and, in many parts of the world, people have no running water and are forced to drink directly from contaminated rivers, wells and streams. As a result, the latest advanced nonwovens are now competing with nanofibre membranes in the purification of water on an industrial scale. Nonwovens manufacturers (such as Ahlstrom), their major customers and machinery builders (including Dilo) all have a role to play, says Adrian Wilson pages 11–16



Recycled polyester is a fairly recent concept for the Indian market. Since the 1990s, around 10–15 companies have ventured into this segment, continuously expanding their capacities as they realize the growing market potential, reports Reena Mital pages 27–29



Repellence, whether it is to harmful insects or to water, is a critical quality in performance apparel and other textiles for high-technology applications, according to John McCurry pages 17–20



Nonwovens manufacturers – in cooperation with their major customers and relevant machinery builders, such as Dilo – have an important role to play in ensuring that future demand for clean water, both for drinking and advanced industrial processes, can be met, reports Adrian Wilson page 11–16

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