

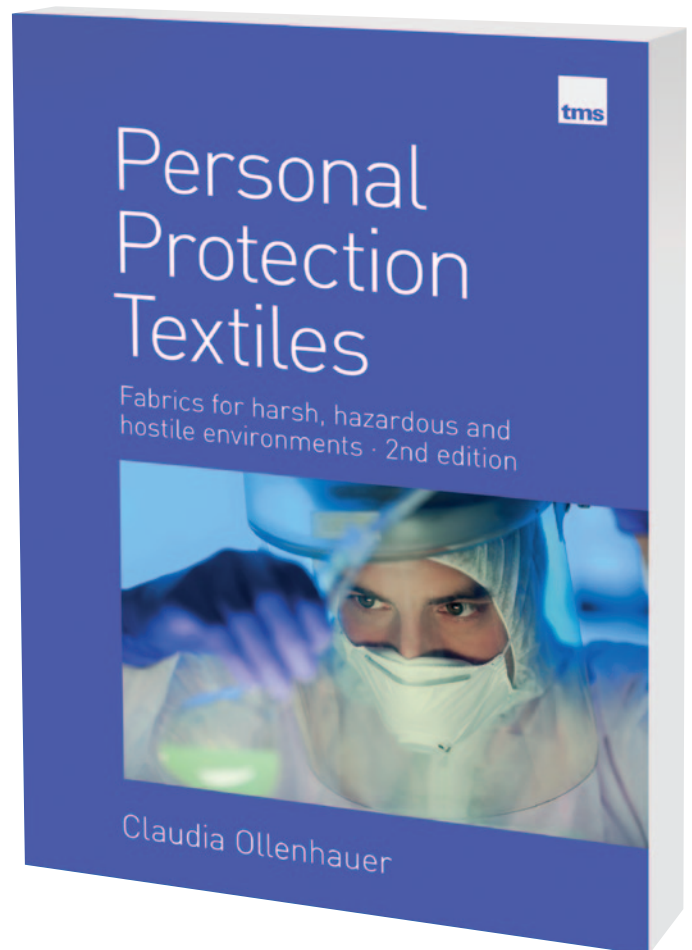
Personal Protection Textiles · 2nd edition

Personal Protection Textiles: Fabrics for harsh, hazardous and hostile environments outlines the global market for personal protection clothing in the institutional, workwear and private sectors, and details the most important legislation, regulations and standards that govern their manufacture and use.

Featuring a brief overview of the personal protection equipment (PPE) industry and the wide-ranging use of textile materials involved in the protection of humans in a range of harsh, hazardous and hostile environments, this fully updated and enlarged edition explains the latest developments with regard to product areas and leading players, bringing together the key themes that are forecast to play a prominent role in future generations of personal protection textiles.

Written by Claudia Ollenhauer, this in-depth report, with more than 200 pages and 50 tables, includes profiles of around 40 leading global textile companies that supply speciality textiles for personal protection apparel. Some of these suppliers of heavy duty textiles are integrated manufacturers from spinning to weaving or knitting and finishing; others cover parts of the textile process.

Publication date: September 2013



Personal Protection Textiles: Fabrics for harsh, hazardous and hostile environments

Textiles for personal protection are designed to protect against heat, cold, fire, UV light, chemicals, micro-organisms, electrostatic charges and other threats. They include weatherproof and winter-proof clothing, cold-store clothing, equipment for rescue services, survival equipment, textile-reinforced armour, equipment for security services and the military, fire-blockers, stab and ballistic protection, and high-visibility textiles.

The second half of the 20th century saw a dramatic increase in the need for personal protection. The rise of health and safety requirements in the workplace has required the use of protective apparel for workers in many industries, while the threat of chemical and biological terrorist attacks, as well as natural pandemics, have become key political issues.

The range of physical, chemical and

biological hazards and the means of combating them continue to increase and become more complex. This has led to the development and use of new textile fibres, fabrics and apparel constructions, which are designed to provide improved protection and safety, while maintaining comfort and efficiency.

This new report from Textile Media Services will help identify:

- the current and future market for personal protection textiles
- key trends in the personal protection equipment industry
- principal drivers for personal protection textiles
- innovative materials and technologies – fibres, yarns and fabrics and their production methods
- future trends in personal protection textiles

The publication also includes a list of relevant standards and a glossary of technical terms.

Company profiles

The report will feature around 40 profiles of leading players in the personal protection textiles sector, including:

3M	Ibena Protect
Akin Tekstil	IBQ Fabrics
Alok Industries	Invista Cordura
Ames Europe	JCT
Argar Technology	Kermel
Beijing Global Technical Textiles	Kettelhack
British Millerain	Klopman
Burce	Lauffenmühle
Carrington Career & Workwear	Mectex
Chapman Innovations	Milliken
Chomarat	MSF Group
Concordia Textiles	Newtex Industries
ContiTech Elastomer Coatings	Norafin
Corporate Fabrics	Safety Components International
DuPont Safety & Protection	Schoeller Textil
Engtex	Sioen Industries
Eschler	SR Webatex/Guardiantex
Everest Textile	Tekstina
Formosa Taffeta	TenCate Protective Fabrics
Gehring Textiles	Textiles Omnes
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