



Advances in Military Textiles and Personal Equipment (Woodhead Publishing Series in Textiles)

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Beginning with an overview of design issues, part one explores anthropometric methods, psychological, colour and camouflage issues related to the successful design of military textiles. Materials and design issues in military helmets, footwear and hand wear are also reviewed. Part two goes on to consider applications of particular types of military clothing and equipment, including optimisation of body armour design, high performance ballistic protection using polymer nanocomposite technology as well as advances in materials and modelling of chemical, biological, radiological and nuclear protective clothing. Finally, Advances in military textiles and personal equipment looks specifically at designing load carriage and advanced hydration systems for military personnel.

With its distinguished editor and international team of expert contributors, Advances in military textiles and personal equipment is an invaluable resource for all those working in the design, manufacture and production of military clothing and equipment, as well as for the defence industry itself.

- Summarises key research on the design, manufacture and applications of military textiles
- Begins with an overview of the issues related to the successful design of military textiles and reviews materials and design issues in military helmets, footwear and hand wear
- Sections consider applications of particular types of military clothing and equipment, including optimisation of body armour design, and discusses advances in materials and modelling of chemical, biological, radiological and nuclear protective clothing

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Review

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A valuable source of knowledge for researchers and designers of protective textiles and clothing for defence applications., CBRNe World

About the Author

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