Woven Textiles. Woodhead Publishing Series in Textiles

Description: Traditionally used in apparel and interior fabrics, woven textiles are increasingly being employed in a variety of technical applications. Woven textiles: Principles, developments and applications provides an essential overview of the manufacture, structure and application of these important textiles.

Beginning with an introduction to the fibres and yarns used in weaving, part one goes on to explore key preparatory techniques and the fundamentals of weaving technology. The characteristics of woven structures are then discussed in greater depth in part two, alongside investigation into the use of computer assisted design (CAD) systems, techniques for modelling the structure of woven fabrics, and methods for the manufacture of 3D woven structures. Part three focuses on the application of woven textiles to a wide range of technologies. The use of woven textiles in automotive interiors and other transport applications is discussed, along with woven apparel fabrics, geotextiles, hollow woven fabrics and woven textiles for medical applications.

With its distinguished editor and international team of expert contributors, Woven textiles: Principles, developments and applications is an indispensable guide for all designers, engineers and technicians involved in the design, manufacture and use of woven textiles. It also provides a useful overview of woven textile processing and applications for academics and students.

- Provides an essential overview of the manufacture, structure and application of woven textiles
- Explores key preparatory techniques and the fundamentals of weaving technology and discusses the characteristics of woven structures
- Covers the use of computer-assisted design (CAD) systems and methods for the manufacture of 3D woven structures, among other topics

Contents: Part 1 Yarns and weaving technology: Types and properties of fibres and yarns used in weaving
Yarn preparation for weaving: Winding
Yarn preparation for weaving: Warping
Yarn preparation for weaving: Sizing
The fundamentals of weaving technology. Part 2 Woven structures: Woven structures and their characteristics
Computer assisted design (CAD) systems for woven textile design
Modelling the structure of woven fabrics
3D woven structures and methods of manufacture. Part 3 Applications of woven textiles: Woven textiles for automotive interiors and other transport applications
Woven apparel fabrics
Woven fabrics for geotextiles
Hollow woven fabrics
Woven textiles for medical applications.

Ordering: Order Online - http://www.researchandmarkets.com/reports/2720047/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit

http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

Web Address: http://www.researchandmarkets.com/reports/2720047/
Office Code: SCDK55R8

Product Format
Please select the product format and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Copy (Hard Back):</td>
<td>USD 251 + USD 29 Shipping/Handling</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr ☐</th>
<th>Mrs ☐</th>
<th>Dr ☐</th>
<th>Miss ☐</th>
<th>Ms ☐</th>
<th>Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td>Last Name:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer:

Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp