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## Textile Design

Principles, Advances and Applications

Woodhead Publishing Series in Textiles

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### 2 - Woven textile design

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#### Abstract:

This chapter considers woven fabrics, their formation, properties and applications. It explains the principles of weaving, details the basic constructions, and common weaving terminology in use. Design approaches to woven fabric design are detailed, along with the role that technology plays to create and communicate ideas. Advances in woven fabric construction, design and weaveâ€™s relationship to other processes are other key topics covered.

#### Key words

weave design and manufacture; sustainability and weave as a traditional craft; computer aided design and the global textile market; fabric performance and advances in woven technology

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