



HANDBOOK OF
TEXTILE
FIBRES

VOL. I — NATURAL FIBRES

J. GORDON COOK

WOODHEAD PUBLISHING LIMITED

Handbook of
TEXTILE FIBRES

I. NATURAL FIBRES



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By
J. GORDON COOK

BSc, PhD, CChem, FRSC

I. NATURAL FIBRES

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FOREWORD

The manufacture of textiles is one of the oldest and most important industries of all. Its raw materials are fibres, and the study of textiles therefore begins with an understanding of the fibres from which modern textiles are made.

In this book, an outline is given of the history, production and fundamental properties of important textile fibres in use today. The behaviour of each fibre as it affects the nature of its fabrics is discussed.

The book is in two volumes. Volume I deals with the natural fibres on which we depended for our textiles until comparatively recent times. Volume II is concerned with man-made fibres, including rayons and other natural polymer fibres, and the true synthetic fibres which have made such rapid progress in modern times.

The book has been written for all concerned with the textile trade who require a background of information on fibres to help them in their work. Every effort has been made to ensure that the text is accurate and up-to-date. The information on man-made fibres is based on facts supplied by the manufacturers of the fibres themselves.

In writing this book I have been given much encouragement and help by many individuals and organizations. The manufacturers of the man-made fibres mentioned in the text have gone to great trouble on my behalf in providing information and in checking the text before publication. I would like to acknowledge their help, with grateful thanks, and also that given to me by the following individuals and organizations:

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NOTE ON THE FIFTH EDITION

The text of this new edition of the *Handbook of Textile Fibres* has been revised and some sections have been rewritten to include newer information and broaden the coverage. Metric units as well as Imperial units are now used in order to bring the information into line with modern requirements.

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