

Testing coated fabrics —

Part 5: Methods 7A, 7B and 7C. Methods for determination of tear strength

IMPORTANT NOTE. It is recommended that this Part be read in conjunction with the information in Part 0 “Foreword and general introduction”.

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Foreword

The tear strength of the coated fabric is measured on a fabric strength testing machine by observing the force indicated or recorded when tearing through at least 60 mm of the material. Three alternative methods are described. Methods 7A and 7B give a measure of the median and maximum tear strength by the tongue tear test and are used to determine the force of tear propagation. Method 7B is of value for coated linen or rip-stop fabric. Method 7C describes a single tear test and can be used to determine the force to initiate and propagate tear.

In reviewing method 7A, much consideration was given to ISO 4674 which was published in 1977 by the International Organization for Standardization (ISO). Apart from differences in specimen size, the major difference between ISO 4674 and the present method 7A is in terms of trace analysis. The method of trace analysis specified in ISO 4674 does not produce results which are representative of the overall trace. Because of this, and the fact that there was insufficient evidence to show that ISO 4674 was more reproducible than method 7A, the decision was taken not to adopt ISO 4674 as a British Standard to replace method 7A. This Part supersedes method 7 of BS 3424:1973.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

Amd. No.	Date of issue	Comments

This British Standard, having been prepared under the direction of the Fibres, Yarns and Fabrics Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 September 1982

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The following BSI references relate to the work on this standard:
Committee reference FBM/13
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