

Paper and board — Determination of air permeance and air resistance (medium range) —

Part 5: Gurley method

ICS 85.060

National foreword

This British Standard reproduces verbatim ISO 5636-5:2003 and implements it as the UK national standard. It supersedes BS 6538-3:1987 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PAI/11, Methods of test for paper, board and pulp, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii to v, a blank page, pages 1 to 8, an inside back cover and a back cover.

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Paper and board — Determination of air permeance and air resistance (medium range) —

Part 5: Gurley method

Papier et carton — Détermination de la perméabilité à l'air et de la résistance à l'air (valeur moyenne) —

Partie 5: Méthode Gurley



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Foreword

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 5636-5 was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 2, *Test methods and quality specifications for paper and board*.

This second edition cancels and replaces the first edition (ISO 5636-5:1986), which has been technically revised.

In this edition, the factor to be used for the calculation of air permeance (10.1) has been changed to 135,3 (from calculation factor 127 in the first edition). The new factor for calculation of air permeance will cause an increase in the level of the result of approximately 7 %. To avoid confusion in trade due to the fact that some laboratories are not aware of this new edition and thus will still use the factor 127, it is important to report the calculation factor used.

ISO 5636 consists of the following parts, under the general title *Paper and board — Determination of air permeance and air resistance (medium range)*:

- *Part 1: General method*
- *Part 2: Schopper method*
- *Part 3: Bendtsen method*
- *Part 4: Sheffield method*
- *Part 5: Gurley method*