
**Corrugated fibreboard — Determination
of single sheet thickness**

Carton ondulé — Détermination de l'épaisseur d'une feuille unique



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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 3034 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 3034:1975), which has been technically revised in compliance with ISO 534:2005^[1]. In addition, precision data have been inserted in Annex B.

1) ISO 534:2005 is currently being revised and this second edition of ISO 3034 is also in compliance with the forthcoming ISO 534:2011.

Corrugated fibreboard — Determination of single sheet thickness

1 Scope

This International Standard specifies a method for determining the single sheet thickness of corrugated fibreboard intended for use in the manufacture of packing cases.

This International Standard is applicable to all types of corrugated fibreboard.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 186, *Paper and board — Sampling to determine average quality*

ISO 187, *Paper, board and pulps — Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

corrugated fibreboard

board consisting of one or more sheets of fluted paper glued to a flat sheet of board or between several sheets

[ISO 4046-4:2002, definition 4.49]

3.2

single sheet thickness corrugated fibreboard

distance between one surface of a corrugated fibreboard and the other, measured under an applied static load, using the test method specified in this International Standard

4 Principle

Measurement of thickness of corrugated board under a specific static load by means of a high-precision micrometer.