INTERNATIONAL STANDARD



Second edition 2019-08

Tobacco and tobacco products – Determination of the width of the strands of cut tobacco

dc e. Norwand and a second sec Tabac et des produits du tabac — Détermination de la largeur des brins de tabac haché



Reference number ISO 20193:2019(E)



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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see <u>www.iso</u> .org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 126, *Tobacco and tobacco products*, Subcommittee SC 1, *Physical and dimensional tests*.

This second edition cancels and replaces the first edition (ISO 20193:2012), which has been technically revised. The main change compared to the previous edition is as follows:

— measurement of 20 strands along a single line rather than 5 lines previously.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at <u>www.iso.org/members.html</u>.

Tobacco and tobacco products — Determination of the width of the strands of cut tobacco

1 Scope

This document specifies a method for the determination of the width of strands of cut tobacco. This method is only applicable on samples of strands of cut tobacco with a uniform cut width.

NOTE There are other ways of measuring the width of the strands of cut tobacco. A system with the same accuracy can be used, for example a microscope with an internal fitted ruler or a camera with image processing system.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 216, Writing paper and certain classes of printed matter — Trimmed sizes — A and B series, and indication of machine direction

ISO 3402, Tobacco and tobacco products — Atmosphere for conditioning and testing

ISO 8243, Cigarettes — Sampling

ISO 15592-1, Fine-cut tobacco and smoking articles made from it — Methods of sampling, conditioning and analysis — Part 1: Sampling

ISO 15592-2, Fine-cut tobacco and smoking articles made from it — Methods of sampling, conditioning and analysis — Part 2: Atmosphere for conditioning and testing

3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

3.1

cut width

width of a strand of tobacco

3.2

cut tobacco with a uniform cut width

homogeneous products mainly constituted of cut strands with visually minimal strand width difference between them

4 Principle

Taking into consideration the fact that the tobacco samples to be analysed have a uniform cut width and that the mass of the individual tobacco strands may be disregarded, 20 strands of at least 10 mm