

<b>STN</b>	<b>Papier tissue a výrobky tissue</b> <b>Časť 5: Určenie tržného zaťaženia za mokra</b> <b>(ISO 12625-5: 2024)</b>	<b>STN</b> <b>EN ISO 12625-5</b>  50 6301
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Tissue paper and tissue products - Part 5: Determination of wet tensile strength (ISO 12625-5:2024)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

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English Version

## Tissue paper and tissue products - Part 5: Determination of wet tensile strength (ISO 12625-5:2024)

Papier tissue et produits tissue - Partie 5:  
Détermination de la résistance à la rupture par traction  
à l'état humide (ISO 12625-5:2024)

Tissue-Papier und Tissue-Produkte - Teil 5:  
Bestimmung der breitenbezogenen Nassbruchkraft  
(ISO 12625-5:2024)

This European Standard was approved by CEN on 2 June 2024.

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**EN ISO 12625-5:2024 (E)**

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## **European foreword**

This document (EN ISO 12625-5:2024) has been prepared by Technical Committee ISO/TC 6 "Paper, board and pulps" in collaboration with Technical Committee CEN/TC 172 "Pulp, paper and board" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2024, and conflicting national standards shall be withdrawn at the latest by December 2024.

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## **Endorsement notice**

The text of ISO 12625-5:2024 has been approved by CEN as EN ISO 12625-5:2024 without any modification.



# International Standard

**ISO 12625-5**

## **Tissue paper and tissue products — Part 5: Determination of wet tensile strength**

*Papier tissue et produits tissue —*

*Partie 5: Détermination de la résistance à la rupture par traction  
à l'état humide*

**Third edition  
2024-05**

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## ISO 12625-5:2024(en)

### 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 document 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](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 2, *Test methods and quality specifications for paper and board*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 172, *Pulp, paper and board*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 12625-5:2016), which has been technically revised.

The main changes are as follows:

- updated force measurement requirements (in [5.1.1](#) and [5.2.1](#));
- added clarification to [7.2.1](#) (“accelerated” and “rapid” have the same meaning in this document).

A list of all parts in the ISO 12625 series can be found on the ISO website.

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 [www.iso.org/members.html](http://www.iso.org/members.html).



# Tissue paper and tissue products —

## Part 5: Determination of wet tensile strength

### 1 Scope

This document specifies a test method for the determination of the wet tensile strength of tissue paper and tissue products after soaking with water, using a tensile-strength-testing apparatus operating with a constant rate of elongation.

Currently, two types of tensile-strength-testing apparatus are commercially available, one where the test piece is positioned vertically and, for the other, horizontally. This document applies for both. For vertical tensile-strength-testing apparatus, a device that is held in the lower grip of the tensile-strength-testing apparatus, called a Finch Cup, is used to achieve the wetting. For horizontal tensile-strength-testing apparatus, the soaking device is placed between the two clamps.

This document is not applicable to cases where impurities and contraries are determined.

### 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 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*

ISO 1924-2, *Paper and board — Determination of tensile properties — Part 2: Constant rate of elongation method (20 mm/min)*

ISO 7500-1, *Metallic materials — Calibration and verification of static uniaxial testing machines — Part 1: Tension/compression testing machines — Calibration and verification of the force-measuring system*

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