



SLOVENSKI STANDARD
SIST EN ISO 12625-12:2023

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Nadomešča:

SIST EN ISO 12625-12:2010

Tissue papier in proizvodi iz tissue papirja - 12. del: Ugotavljanje natezne trdnosti perforacije in izračun učinka perforacije (ISO 12625-12:2023)

Tissue paper and tissue products - Part 12: Determination of tensile strength of perforated lines and calculation of perforation efficiency (ISO 12625-12:2023)

Tissue-Papier und Tissue-Produkte - Teil 12: Bestimmung der breitenbezogenen Bruchkraft von Perforationslinien und Berechnung der Perforationseffizienz (ISO 12625-12:2023)

Papier tissue et produits tissues - Partie 12: Détermination de la résistance à la rupture par traction des lignes de prédécoupe et calcul de l'efficacité des perforations (ISO 12625-12:2023)

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ICS:

85.080.20 Tissue papier Tissue paper

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English Version

Tissue paper and tissue products - Part 12: Determination of tensile strength of perforated lines and calculation of perforation efficiency (ISO 12625-12:2023)

Papier tissue et produits tissues - Partie 12:
Détermination de la résistance à la rupture par traction
des lignes de prédécoupe et calcul de l'efficacité des
perforations (ISO 12625-12:2023)

Tissue-Papier und Tissue-Produkte - Teil 12:
Bestimmung der breitenbezogenen Bruchkraft an
Perforationen und Berechnung der
Perforationseffizienz (ISO 12625-12:2023)

This European Standard was approved by CEN on 13 May 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN ISO 12625-12:2023) 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of an identical text or by endorsement, at the latest by November 2023, and conflicting national standards shall be withdrawn at the latest by November 2023.

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

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Endorsement notice

SIST EN ISO 12625-12:2023

The text of ISO 12625-12:2023 has been approved by CEN as EN ISO 12625-12:2023 without any modification.

INTERNATIONAL
STANDARD

ISO
12625-12

Second edition
2023-05

**Tissue paper and tissue products —
Part 12:
Determination of tensile strength of
perforated lines and calculation of
perforation efficiency**

iTeh STANDARD PREVIEW
*Papier tissue et produits tissue —
Partie 12: Détermination de la résistance à la rupture par traction
des lignes de prédécoupe et calcul de l'efficacité des perforations*

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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 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).

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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 second edition cancels and replaces the first edition (ISO 12625-12:2010), which has been technically revised.

The main changes are as follows:

- the expression of the rate of elongation has been changed from a value expressed in mm/min into a value expressed in the rate of elongation of the initial test span length in %/min, independently from the test piece length (see [5.1](#));
- precisions have been added in case of decrease of the distance between the clamping lines (see [5.2](#)).

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.

Introduction

Tissue papers such as toilet paper and kitchen towel are often pre-cut. They are used after separation of two consecutive sheets.

It is important to know the efficiency of the pre-cut perforations.

The perforation strength should be enough to ensure the product cohesion, but not too high, so that sheets can be easily separated.

The method described in this document uses forces applied perpendicular to the perforation lines.

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