

STN	Textílie povrstvené gumou alebo plastmi Stanovenie príľnavosti povrstvenia (ISO 2411: 2024)	STN EN ISO 2411 80 0921
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Rubber- or plastics-coated fabrics - Determination of coating adhesion (ISO 2411:2023)

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/24

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Rubber- or plastics-coated fabrics - Determination of coating adhesion (ISO 2411:2023)

Supports textiles revêtus de caoutchouc ou de plastique - Détermination de l'adhérence du revêtement (ISO 2411:2024)

Mit Kautschuk oder Kunststoff beschichtete Textilien - Bestimmung der Haftfestigkeit von Beschichtungen (ISO 2411:2024)

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EN ISO 2411:2024 (E)

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European foreword

This document (EN ISO 2411:2024) has been prepared by Technical Committee ISO/TC 45 "Rubber and rubber products" in collaboration with Technical Committee CEN/TC 248 "Textiles and textile products" the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by March 2025, and conflicting national standards shall be withdrawn at the latest by March 2025.

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

The text of ISO 2411:2024 has been approved by CEN as EN ISO 2411:2024 without any modification.



International Standard

ISO 2411

Rubber- or plastics-coated fabrics — Determination of coating adhesion

*Supports textiles revêtus de caoutchouc ou de plastique —
Détermination de l'adhérence du revêtement*

**Fifth edition
2024-09**

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ISO 2411:2024(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).

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This document was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 4, *Products (other than hoses)*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles and textile products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement). This fifth edition cancels and replaces the fourth edition (ISO 2411:2017), which has been technically revised.

The changes are as follows:

- Terms and definitions 3.3, 3.4, 3.5, 3.6, and 3.7 have been deleted as these had not been cited in the text, instead, they have been moved to [9.5](#) as they are the failure types and important in adhesion test.
- [Figure 3](#) and [4](#) have been revised to reflect the procedures described in [Clause 8](#) and [Clause 9](#) on the figures;
- [A.2](#) has been revised to prevent the confusion by deleting the different way from the procedure in the body text of [9.2](#).

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.

ISO 2411:2024(en)**Introduction**

Knowledge of the strength of adhesion between the coating and the adjacent layer is important as an inadequate adhesion strength can often result in failure of the product due to delamination.

Rubber- or plastics-coated fabrics — Determination of coating adhesion

WARNING — Persons using this document should be familiar with normal laboratory practice. This document does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to determine applicability of any other restrictions.

1 Scope

This document specifies a method of determining the coating adhesion strength of coated fabrics.

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 2231:1989, *Rubber- or plastics-coated fabrics — Standard atmospheres for conditioning and testing*

ISO 2286-1, *Rubber- or plastics-coated fabrics — Determination of roll characteristics — Part 1: Methods for determination of length, width and net mass*

ISO 5893, *Rubber and plastics test equipment — Tensile, flexural and compression types (constant rate of traverse) — Specification*

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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