



**International
Standard**

ISO 7617-2

**Plastics-coated fabrics for
upholstery —**

**Part 2:
Specification for PVC-coated woven
fabrics**

*Supports textiles revêtus de plastique pour ameublement et
garniture —*

Partie 2: Spécifications pour les tissus revêtus de PVC

**Fourth edition
2026-06**

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Published in Switzerland

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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 45, *Rubber and rubber products*, Subcommittee SC 4, *Products (other than hoses)*.

This fourth edition cancels and replaces the third edition (ISO 7617-2:2003), which has been technically revised.

The main changes are as follows:

- update of normative references;
- alteration of property indication in [Tables 1](#) and [2](#);
- addition of test methods and property requirements of abrasion resistance and flex testing in [Table 1](#);
- addition of [Clause 8](#) regarding the test report.

A list of all parts in the ISO 7617 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.

Plastics-coated fabrics for upholstery —

Part 2: Specification for PVC-coated woven fabrics

1 Scope

This document specifies requirements for coated fabrics for upholstered furniture, manufactured by applying to one side of a woven cloth a substantially continuous coating of a suitably plasticized polymer of vinyl chloride, or a copolymer the major constituent of which is vinyl chloride.

NOTE Such coatings are known as poly(vinyl chloride) (PVC) coatings.

This document is applicable to two grades (A and B) of PVC-coated woven 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 105-A01, *Textiles — Tests for colour fastness — Part A01: General principles of testing*

ISO 105-A02, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour*

ISO 105-B02, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*

ISO 105-F09, *Textiles — Tests for colour fastness — Part F09: Specification for cotton rubbing cloth*

ISO 105-X12, *Textiles — Tests for colour fastness — Part X12: Colour fastness to rubbing*

ISO 176, *Plastics — Determination of loss of plasticizers — Activated carbon method*

ISO 1421:2016, *Rubber- or plastics-coated fabrics — Determination of tensile strength and elongation at break*

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 2286-2, *Rubber- or plastics-coated fabrics — Determination of roll characteristics — Part 2: Methods for determination of total mass per unit area, mass per unit area of coating and mass per unit area of substrate*

ISO 2286-3, *Rubber- or plastics-coated fabrics — Determination of roll characteristics — Part 3: Method for determination of thickness*

ISO 2411, *Rubber- or plastics-coated fabrics — Determination of coating adhesion*

ISO 4674-1:2016, *Rubber- or plastics-coated fabrics — Determination of tear resistance — Part 1: Constant rate of tear methods*

ISO 5470-2:2021, *Rubber- or plastics-coated fabrics — Determination of abrasion resistance — Part 2: Martindale abrader*