

<b>STN</b>	<b>Textílie</b> <b>Metóda na hodnotenie vzhľadu odevov a iných konečných textilných výrobkov po domácom praní a sušení (ISO 15487: 2018)</b>	<b>STN</b> <b>EN ISO 15487</b>  80 0824
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Textiles - Method for assessing appearance of apparel and other textile end products after domestic washing and drying (ISO 15487:2018)

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. 02/19

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English Version

## Textiles - Method for assessing appearance of apparel and other textile end products after domestic washing and drying (ISO 15487:2018)

Textiles - Méthode d'évaluation de l'aspect des vêtements et autres produits textiles finis après lavage et séchage domestiques (ISO 15487:2018)

Textilien - Verfahren für die Bewertung des Aussehens von Bekleidung und anderen textilen Fertigerzeugnissen nach Haushaltswäsche und Trocknen (ISO 15487:2018)

This European Standard was approved by CEN on 16 September 2018.

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**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN ISO 15487:2018 (E)**

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## **European foreword**

This document (EN ISO 15487:2018) has been prepared by Technical Committee ISO/TC 38 "Textiles" 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of an identical text or by endorsement, at the latest by April 2019, and conflicting national standards shall be withdrawn at the latest by April 2019.

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.

This document supersedes EN ISO 15487:2010.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## **Endorsement notice**

The text of ISO 15487:2018 has been approved by CEN as EN ISO 15487:2018 without any modification.

# INTERNATIONAL STANDARD

**ISO**  
**15487**

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2018-09

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## **Textiles — Method for assessing appearance of apparel and other textile end products after domestic washing and drying**

*Textiles — Méthode d'évaluation de l'aspect des vêtements et autres  
produits textiles finis après lavage et séchage domestiques*



Reference number  
ISO 15487:2018(E)

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ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Fax: +41 22 749 09 47  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

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## ISO 15487:2018(E)

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

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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

This document was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 2, *Cleansing, finishing and water resistance tests*.

This third edition cancels and replaces the second edition (ISO 15487:2009), which has been technically revised. The main changes compared to the previous edition are as follows:

- in [Clause 1](#), the appearance assessment has been extended to colour change, pilling, fuzzing, matting appearance of fabrics, damage of components (buttons, press fasteners, slide fasteners, etc.) and physical garment changes (e.g. spirality);
- in [Clause 3](#), the term “durable press” has been deleted and the succeeding terms have been renumbered;
- in [Clause 6](#), the distinction of preparation of different test specimens (fabrics, garments, etc.) have been specified;
- in [7.4](#), the use of manikin for the garment assessment has been introduced, and a (non-exhaustive) list of appearance changes ([Table 1](#)) for the qualitative method of the assessment has been added;
- procedures described in [7.5](#), [7.6](#), [7.7](#), [7.8](#), [7.9](#) and [7.10](#) have been modified and clarified;
- a new informative [Annex B](#) showing an example of appearance rating has been added;
- new references have been added in the Bibliography.

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).



# Textiles — Method for assessing appearance of apparel and other textile end products after domestic washing and drying

## 1 Scope

This document specifies a method of test for evaluating the appearance of apparel and other textile end products after one or several domestic washing and drying treatments. The appearance evaluated includes colour change, pilling, fuzzing, matting appearance of fabrics, smoothness appearance of flat fabric and seams, and the retention of pressed-in creases in garments and other textile products, damage of components – buttons, press fasteners, slide fasteners, etc.

This document is applicable to any washable textile end product of any fabric construction. Techniques for seaming and creasing are not included since the purpose is to evaluate textile end products as they are supplied from the manufacturer or as ready-to-use. Techniques for seaming and creasing are controlled by fabric properties.

This method has been developed primarily for use with domestic washing machines of Type B as defined in ISO 6330, but it can be used with any type of machine defined in ISO 6330.

It is recognized that prints and patterns can mask the wrinkled appearance present in textile end products. The rating process is, however, based on the visual appearance of specimens including such effects.

## 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-A03, *Textiles — Tests for colour fastness — Part A03: Grey scale for assessing staining*

ISO 139, *Textiles — Standard atmospheres for conditioning and testing*

ISO 6330, *Textiles — Domestic washing and drying procedures for textile testing*

ISO 16322-3, *Textiles — Determination of spirality after laundering — Part 3: Woven and knitted garments*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**