

Textiles and textile products - Part 2: Safety of children's clothing - Security of attachment of buttons - Test method

EESTI STANDARDI EESSÕNA

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ICS 61.020, 97.190

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EUROPEAN STANDARD

EN 17394-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2020

ICS 61.020; 97.190

English Version

Textiles and textile products - Part 2: Safety of children's clothing - Security of attachment of buttons - Test method

Textiles et produits textiles - Partie 2 : Sécurité des vêtements d'enfants - Sécurité d'attache des boutons - Méthode d'essai

Textilien und textile Produkte - Teil 2: Sicherheit von Kinderbekleidung - Sicherheit der Befestigung von Knöpfen - Prüfverfahren

This European Standard was approved by CEN on 24 August 2020.

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European foreword

This document (EN 17394-2:2020) has been prepared by 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of an identical text or by endorsement, at the latest by April 2021, and conflicting national standards shall be withdrawn at the latest by April 2021.

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 is Part 2 of a series of four documents:

- CEN/TS 17394-1,¹ *Textiles and textile products — Part 1: Safety of children's clothing — Security of attachment of attached components to infants' clothing — Specification*
- CEN/TS 17394-3,² *Textiles and textile products — Part 3: Safety of children's clothing — Security of attachment of metal mechanically applied press fasteners — Test method*
- CEN/TS 17394-4,³ *Textiles and textile products — Part 4: Safety of children's clothing — Security of attachment of components except buttons and metal mechanically applied press fasteners — Test method*

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¹ Under preparation. Stage at the time of publication: FprCEN/TS 17394-1.

² Under preparation. Stage at the time of publication: FprCEN/TS 17394-3.

³ Under preparation. Stage at the time of publication: FprCEN/TS 17394-4.

Introduction

The aim of this document is to assess the attachment strength of buttons.

This document provides a reference method of test for compliance assessment. A document providing performance specification for infants' clothing is under development.

For the convenience of the clothing industry, a simplified method is provided in Annex B for routine in-house process control, however this does not replace the reference method.

This document has been developed from Annex B of CEN/TR 16792:2014.

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1 Scope

This document defines a test method for security of attachment of functional and decorative buttons to clothing including garments such as gloves, hats, scarves, hosiery, ties, and textile belts.

This document does not apply to:

- a) child care articles;
- b) shoes, boots and similar footwear;
- c) toys (see NOTE 2);
- d) other articles sold with clothing.

NOTE 1 The above items are covered by other CEN Technical Committees and as such are out of scope of this document.

NOTE 2 Disguise costumes including carnival costumes are examples of clothing which are also toys and fall within the scope of the Toy Safety Directive.

The scope of this document is limited to sewn-on buttons, toggle buttons and tack buttons.

Assessment of other garment components are considered in:

- CEN/TS 17394-3, or
- CEN/TS 17394-4.

Performance requirements are provided in CEN/TS 17394-1.

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.

EN ISO 139, *Textiles - Standard atmospheres for conditioning and testing (ISO 139)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

child or young person

person aged from birth up to age 14 years (that is up to and including 13 years and 11 months) which includes all boys of height up to 182 cm and all girls of height up to 176 cm

[SOURCE: EN 14682:2014, merged subclauses 2.1 and 2.2]