



BSI Standards Publication

Textiles and textile products

Part 3: Safety of children's clothing — Security of attachment of metal mechanically applied press fasteners — Test method

National foreword

This Published Document is the UK implementation of CEN/TS 17394-3:2021.

The UK participation in its preparation was entrusted to Technical Committee TCI/66/-/2, Safety of children's clothing.

A list of organizations represented on this committee can be obtained on request to its committee manager.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2021
Published by BSI Standards Limited 2021

ISBN 978 0 539 01692 5

ICS 61.020; 97.190

Compliance with a British Standard cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 31 January 2021.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

TECHNICAL SPECIFICATION
 SPÉCIFICATION TECHNIQUE
 TECHNISCHE SPEZIFIKATION

CEN/TS 17394-3

January 2021

ICS 61.020; 97.190

English Version

**Textiles and textile products - Part 3: Safety of children's
 clothing - Security of attachment of metal mechanically
 applied press fasteners - Test method**

Textiles et produits textiles - Partie 3 : Sécurité des
 vêtements d'enfants - Sécurité d'attache des boutons-
 pression métalliques appliqués mécaniquement -
 Méthode d'essai

Textilien und textile Produkte - Teil 3: Sicherheit von
 Kinderbekleidung - Sicherheit der Befestigung von
 mechanisch befestigten Druckknöpfen - Prüfverfahren

This Technical Specification (CEN/TS) was approved by CEN on 13 December 2020 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
 COMITÉ EUROPÉEN DE NORMALISATION
 EUROPÄISCHES KOMITEE FÜR NORMUNG

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

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Sampling and selection of test specimens	7
5	Procedure	7
5.1	General	7
5.2	Principle	8
5.3	Apparatus	8
5.4	Atmosphere for conditioning and testing	10
5.5	Procedure	11
6	Test report	12
Annex A (informative) Method of test for in-line production process control		13
Annex B (informative) Interlaboratory trial		14
Bibliography		15

European foreword

This document (CEN/TS 17394-3:2021) has been prepared by Technical Committee CEN/TC 248 “Textiles and Textile Products”, the secretariat of which is held by BSI.

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.

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

Currently in preview, click buy full version

Introduction

The aim of this document is to assess the attachment strength of metal mechanically applied press fasteners.

This document provides a method of test. A document providing a technical specification for security of attachment of applied components for infants' clothing is under development.

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

Currently in preview, click buy full version

1 Scope

This document defines a test method for security of attachment of functional and decorative metal mechanically applied press fasteners to children's clothing including for example gloves, hats, scarves, hosiery, ties, and textile belts.

IMPORTANT: Eyelets and rivets cannot be tested by this method as the integrity of the component when attached to textile fabrics is destroyed in the gripping action. Eyelets and rivets are assessed as described in CEN/TS 17394-4:2021.

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 the 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 metal mechanically applied components. Work is in progress to develop standards for other garment components.

- EN 17394-2:2020, *Textiles and textile products — Part 2: Safety of children's clothing — Security of attachment of buttons — Test method*
- CEN/TS 17394-4:2021, *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*

Performance requirements are provided in CEN/TS 17394-1:2021.

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.

CEN/TS 17394-1:2021, *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*

EN ISO 7500-1:2018, *Metallic materials - Calibration and verification of static uniaxial testing machines - Part 1. Tension/compression testing machines - Calibration and verification of the force-measuring system (ISO 7500-1:2018)*