

Safety of Children's Clothing: Security of Attachment - UPDATE

The European Committee for Standardization (CEN) has published the remaining three test methods to evaluate the safety of children's clothing with regards to the mechanical properties of small attached components.

CEN/TS 17394-1, Textiles and textile products — Part 1: Safety of children's clothing — Security of attachment of attached components to infants' clothing — Specification

This document provides requirements for security of attachment for clothing components that are considered as small parts such as buttons, press fasteners, rivets, sequins, diamantes (or pieces of these components) which fit entirely within the small parts cylinder without compression, for infants' clothing. Release of these small components from clothing is considered to present hazards of choking, swallowing, ingestion, inhaling (aspiration) or insertion into eyes, nose or ears for infants. This age group is particularly vulnerable as they often do not have the language skills to convey the accident to their carers. In older children and adults, incidents of accidental insertion or swallowing etc. are significantly reduced, predominantly due to the ability of the child to remove the component themselves or to explain and obtain medical help.

CEN/TS 17394-3, Textiles and textile products — Part 3: Safety of children's clothing — Security of attachment of metal mechanically applied press fasteners — Test method

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.

The scope of this document is limited to metal mechanically applied components.

Work is in progress to develop standards for other garment components.

CEN/TS 17394-4, 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

The method described in this document complements

EN 17394-2:2020, Textiles and textile products – Part 2: Safety of children's clothing – Security of attachment of buttons – Test method

CEN/TS 17394-3:2021, Textiles and textile products – Part 3: Safety of children's clothing - Security of attachment of metal mechanically applied press fasteners – Test method

and is applicable to all other components including labels, badges, sequins, rhinestones, rivets, eyelets and non-metal press fasteners, which are too small to be gripped in test equipment jaws or their integrity is disrupted by gripping.

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

The method is an extremely aggressive wash method has been developed to assess if the components remain attached.

It is specifically applicable to clothing, where the detachment of these components might result in accidents to children.

How Does this Impact You? Contact Us to Discuss

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