

STN	Výrobky na starostlivosť o deti Zariadenia na prebaľovanie a prebaľovacie podložky v domácnosti Bezpečnostné požiadavky a skúšobné metódy	STN EN 12221 94 3007
------------	--	--

Child care articles - Changing units and changing pads for domestic use - Safety requirements and test methods

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. 07/26

Obsahuje: EN 12221:2026

Oznámením tejto normy sa od 31.03.2027 ruší
STN EN 12221-1+A1 (94 3007) z januára 2014

STN EN 12221-2+A1 (94 3007) z januára 2014

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 12221

March 2026

ICS 97.190

Supersedes EN 12221-1:2008+A1:2013,
EN 12221-2:2008+A1:2013

English Version

**Child care articles - Changing units and changing pads for
domestic use - Safety requirements and test methods**

Articles de puériculture - Dispositifs à langer et
matelas à langer à usage domestique - Exigences de
sécurité et méthodes d'essai

Artikel für Säuglinge und Kleinkinder -
Wickeleinheiten und Wickelauflagen für den
Hausgebrauch - Sicherheitstechnische Anforderungen
und Prüfverfahren

This European Standard was approved by CEN on 16 February 2026.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 22 April 2026.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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, Türkiye 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

EN 12221:2026 (E)**Contents**

Page

European foreword	5
1 Scope.....	6
2 Normative references.....	6
3 Terms and definitions	6
4 Test equipment.....	7
4.1 Test mass A.....	7
4.2 Test mass B.....	8
4.3 Small parts cylinder	9
4.4 Feeler gauge.....	9
4.5 Test probes for finger entrapment.....	9
4.5.1 Test probes with hemispherical end	9
4.5.2 Test probe for mesh	10
4.5.3 Shape assessment probe	11
4.6 Test probes for limb entrapment.....	11
4.7 Test probes for head entrapment.....	12
4.7.1 Small head probe	12
4.7.2 Large head probe	12
4.7.3 Template for partially bound and V shaped openings	13
4.8 Test floor for floor standing units.....	13
4.9 Test wall for wall mounted changing units	13
4.10 Test base for bath mounted units	13
4.11 Stops	14
4.12 Test beam.....	14
4.13 Measuring rod for test beam.....	14
4.14 Side impactor	14
4.15 Loading pad.....	15
4.16 Aluminium oxide abrasive paper.....	15
4.17 Test rig.....	15
5 General requirements and test conditions.....	16
5.1 Product conditioning.....	16
5.2 Test conditions	16
5.3 Application of forces	16
5.4 Tolerances of the test equipment	16
5.5 Determination of protected volume (see A.4.1)	17
5.6 Order of tests	18
6 Chemical hazards (see A.2)	18
6.1 General.....	18
6.2 Migration of certain elements	18
6.3 Formaldehyde	18
7 Thermal hazards (see A.3).....	18
8 Mechanical hazards.....	19
8.1 Changing pads	19
8.2 Hazards due to inadequate size (see A.4.2)	19
8.2.1 Requirements.....	19

8.2.2	Test methods.....	19
8.2.3	Measurement of width.....	19
8.2.4	Measurement of the length	20
8.3	Entrapment hazards.....	20
8.3.1	Entrapment of fingers (see A.4.3.1)	20
8.3.2	Entrapment of limbs.....	21
8.3.3	Entrapment of head, neck and torso (see A.4.3.2)	21
8.4	Hazards due to moving parts (see A.4.4)	23
8.4.1	Requirements for compression points	23
8.4.2	Requirements for shear points.....	24
8.5	Hazards due to falling of the child (see A.4.5)	24
8.5.1	General	24
8.5.2	Barriers	24
8.6	Hazards due to folding of the product (see A.4.6)	27
8.6.1	Requirements.....	27
8.6.2	Unintentional release of locking mechanism(s)	28
8.6.3	Strength test of locking and folding system	28
8.7	Hazards from entanglement in cords, ribbons and similar parts (see A.4.7).....	28
8.7.1	Requirements.....	28
8.7.2	Test method.....	29
8.8	Choking and ingestion hazard (see A.4.8)	29
8.8.1	Requirements.....	29
8.8.2	Test methods.....	30
8.9	Suffocation hazards from plastic packaging (see A.4.9).....	31
8.10	Hazards from edges, corners and protruding parts (see A.4.10)	31
8.11	Hazards from inadequate structural integrity (see A.4.11).....	32
8.11.1	Requirements.....	32
8.11.2	Test methods.....	32
8.12	Hazards from inadequate stability (see A.4.12).....	34
8.12.1	Requirements.....	34
8.12.2	Test method for floor standing changing units.....	34
8.12.3	Test method for bathtub mounted changing units.....	36
8.12.4	Test method for changing unit accessories.....	37
8.13	Castors and wheels.....	37
8.13.1	Requirements.....	37
8.13.2	Requirements for parking device.....	37
8.13.3	Test methods for lockable wheels.....	37
8.14	Extension elements.....	38
9	Product information.....	38
9.1	General	38
9.2	Marking of the product.....	39
9.2.1	General requirements.....	39
9.2.2	Durability of marking.....	40
9.2.3	Test method for durability of marking	40
9.3	Purchase information	40
9.4	Instructions for use.....	41
Annex A	(informative) Rationales	43
A.1	Introduction	43
A.2	Chemical hazards (see Clause 6)	43
A.3	Thermal hazards (see Clause 7)	43

EN 12221:2026 (E)

A.4 Mechanical hazards (see Clause 8)	43
Bibliography	47

European foreword

This document (EN 12221:2026) has been prepared by Technical Committee CEN/TC 252 “Child use and care articles”, the secretariat of which is held by AFNOR.

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 September 2026, and conflicting national standards shall be withdrawn at the latest by March 2027.

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 12221-1:2008+A1:2013 and EN 12221-2:2008+A1:2013.

In comparison with EN 12221-1:2008+A1:2013 and EN 12221-2:2008+A1:2013, the significant technical changes relate to the following topics:

- a) adoption of the hazard based format;
- b) unification of the two parts in one single document;
- c) inclusion of changing pads and changing unit accessories;
- d) update of terms and definitions;
- e) update of chemical hazards;
- f) update of thermal hazards;
- g) general update of the mechanical requirements to the state of the art;
- h) addition of requirements for accessibility filling materials;
- i) addition of durability requirements;
- j) modification of product information and addition of specific symbols;
- k) addition of rationales.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: 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, Türkiye and the United Kingdom.

EN 12221:2026 (E)**1 Scope**

This document specifies safety requirements and test methods for changing units, changing pads and changing unit accessories for domestic use.

This document only covers the function of the item as a changing unit. If the item can be converted or used for another function (e.g. cots, storage furniture, bath tubs and stands, etc.), other relevant European Standards apply.

The changing unit can be foldable and can be fitted with a child bathtub or other additional items.

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 71-2:2020+A1:2025, *Safety of toys — Part 2: Flammability*

EN 71-3:2019+A2:2024, *Safety of toys — Part 3: Migration of certain elements*

EN ISO 14184-1:2011, *Textiles — Determination of formaldehyde — Part 1: Free and hydrolysed formaldehyde (water extraction method) (ISO 14184-1:2011)*

ISO 48-4:2018, *Rubber, vulcanized or thermoplastic — Determination of hardness — Part 4: Indentation hardness by durometer method (Shore hardness)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN