



# SLOVENSKI STANDARD

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Nadomešča:

SIST EN 12221-1:2008+A1:2013

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**Izdelki za otroke - Previjalne mize in blazine za domačo uporabo - Varnostne zahteve in preskusne metode**

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

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

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

**Ta slovenski standard je istoveten z: EN 12221:2026**

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**ICS:**

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Otroška oprema

Equipment for children

**SIST EN 12221:2026**

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# Sample Document

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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.

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<b>Contents</b>	<b>Page</b>
European foreword .....	5
<b>1</b> Scope.....	<b>6</b>
<b>2</b> Normative references.....	<b>6</b>
<b>3</b> Terms and definitions .....	<b>6</b>
<b>4</b> Test equipment.....	<b>7</b>
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
<b>5</b> General requirements and test conditions.....	<b>16</b>
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
<b>6</b> Chemical hazards (see A.2) .....	<b>18</b>
6.1 General.....	18
6.2 Migration of certain elements .....	18
6.3 Formaldehyde .....	18
<b>7</b> Thermal hazards (see A.3).....	<b>18</b>
<b>8</b> Mechanical hazards.....	<b>19</b>
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**

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## 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)*

### 3 Terms and definitions

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

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

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

#### 3.1

##### **changing unit**

elevated structure designed to support a child in a lying position for the purpose of allowing a caregiver to clean and/or change the child

#### 3.2

##### **bathtub mounted changing unit**

*changing unit* intended to be mounted on an adult household bathtub

#### 3.3

##### **wall mounted changing unit**

non-standalone *changing unit* intended to be attached to a wall, with or without support legs

Note 1 to entry: A floor standing changing unit for which the manufacturer recommends an additional fixation to a wall is not considered to be a wall mounted changing unit

### 3.4

#### **changing board flap**

changing surface that is movable or removable for storage purposes or to provide access to another function, e.g. a bathtub

### 3.5

#### **changing pad**

pad with side barriers specifically designed for the purpose of changing the child

Note 1 to entry: Flat mats and similar items without barriers intended only to offer hygienic protection or comfort during changing are not included in the definition.

Note 2 to entry: Outer rims of a pad are considered as barriers if the thickness of the rim is greater than the thickness of the changing surface.

### 3.6

#### **changing unit accessory**

accessory that attaches to a cot, crib or playpen designed to enable the combination to be used as a *changing unit*

### 3.7

#### **locking mechanism**

assembly of components consisting of one or more *locking device(s)* and *one or more operating device(s)*

### 3.8

#### **locking device**

mechanical component that maintains part(s) of the item erected in the position of use (e.g. latch(es), hooks, over centre lock...) which could be deactivated or activated by action(s) on the *operating device*

### 3.9

#### **operating device**

part of the *locking mechanism(s)* designed to be activated by the carer through one or several positive action(s)

### 3.10

#### **protected volume**

volume accessible by the child (occupant) when lying on the changing area, where specific safety requirements are necessary

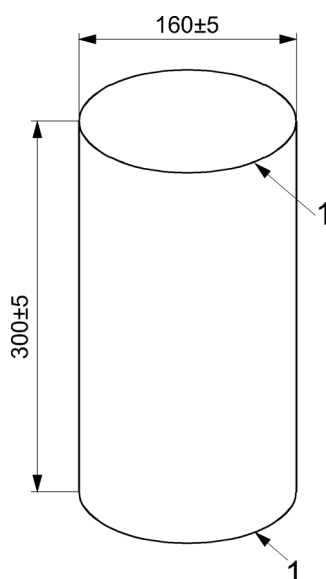
## 4 Test equipment

### 4.1 Test mass A

Test mass A is a rigid cylinder ( $160 \pm 5$ ) mm in diameter and ( $300 \pm 5$ ) mm in height, having a mass of  $9_0^{+0,1}$  kg and with its centre of gravity in the centre of the cylinder. All edges shall have a radius of ( $5 \pm 1$ ) mm (see Figure 1).

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Dimensions in millimetres



## Key

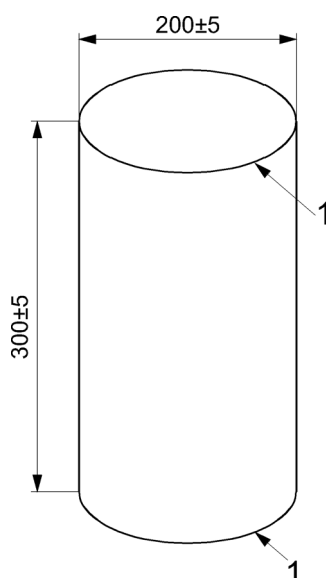
1 radius:  $(5 \pm 1)$  mm

Figure 1 — Test mass A

## 4.2 Test mass B

Test mass B is a rigid cylinder  $(200 \pm 5)$  mm in diameter and  $(300 \pm 5)$  mm in height, having a mass of  $15_0^{+0,1}$  kg and with its centre of gravity in the centre of the cylinder. All edges shall have a radius of  $(5 \pm 1)$  mm (see Figure 2).

Dimensions in millimetres



## Key

1 radius:  $(5 \pm 1)$  mm

Figure 2 — Test mass B

### 4.3 Small parts cylinder

Small parts cylinder for the assessment of small components, having dimensions in accordance with Figure 3.

Dimension in millimetres

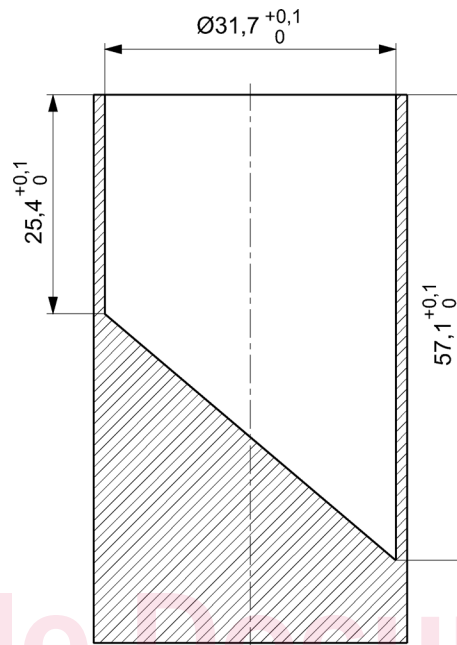


Figure 3 — Small parts cylinder

### 4.4 Feeler gauge

Gauge with a thickness of  $(0,4 \pm 0,02)$  mm and an insertion edge radius of  $(3 \pm 0,5)$  mm (see Figure 4).

Dimensions in millimetres

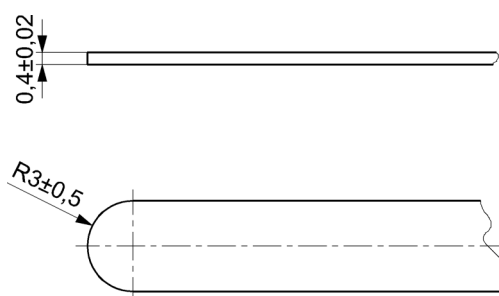


Figure 4 — Feeler gauge

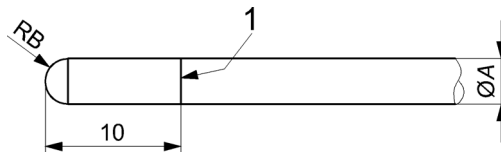
### 4.5 Test probes for finger entrapment

#### 4.5.1 Test probes with hemispherical end

Probes made from plastic or other hard, smooth material, that can be mounted on a force-measuring device, with diameters  $7_{-0,1}^0$  mm and  $12_{-0,1}^{+0,1}$  mm and a full hemispherical end and a line ascribed around the circumference at 10mm from the hemispherical end, see Figure 5.

## EN 12221:2026 (E)

Dimensions in millimetres

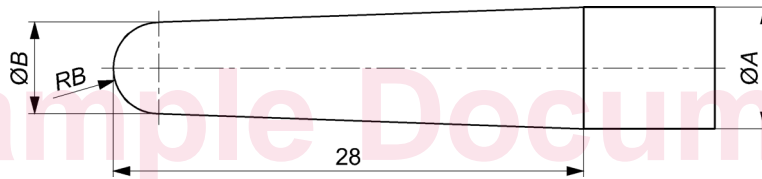
**Key**

Probe type	7 mm probe	12 mm probe
Diameter ØA	$7_{-0,1}^0$	$12_{0}^{+0,1}$
Radius RB	Half of diameter A	Half of diameter A
1	Line ascribed around circumference showing depth of penetration	

**Figure 5 — Test probes with hemispherical end****4.5.2 Test probe for mesh**

Mesh probe made from plastic or other hard, smooth material as shown in Figure 6.

Dimensions in millimetres

**Key**

Probe type	mesh probe
Diameter ØA	$7_{-0,1}^0$ mm
Diameter ØB	$5,6_{-0,1}^0$ mm
Radius RB	half of diameter B

**Figure 6 — Test probe for mesh**