

<b>STN</b>	<b>Výrobky určené na starostlivosť o deti Prenosné tašky a stojany na domáce používanie Bezpečnostné požiadavky a skúšobné metódy</b>	<b>STN EN 1466</b>  94 3011
------------	---	---------------------------------------

Child care articles - Carry cots and stands 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. 09/23

Obsahuje: EN 1466:2023

Oznámením tejto normy sa od 30.06.2024 ruší  
STN EN 1466 (94 3011) z apríla 2015

137329



EUROPEAN STANDARD

**EN 1466**

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2023

ICS 97.190

Supersedes EN 1466:2014

English Version

## Child care articles - Carry cots and stands for domestic use - Safety requirements and test methods

Articles de puériculture - Couffins et supports à usage  
domestique - Exigences de sécurité et méthodes d'essai

Artikel für Säuglinge und Kleinkinder - Tragetaschen  
und Ständer - Sicherheitstechnische Anforderungen  
und Prüfverfahren

This European Standard was approved by CEN on 10 April 2023.

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 1466:2023 (E)**

<b>Contents</b>	<b>Page</b>
<b>European foreword</b> .....	<b>4</b>
<b>1 Scope</b> .....	<b>5</b>
<b>2 Normative references</b> .....	<b>5</b>
<b>3 Terms and definitions</b> .....	<b>5</b>
<b>4 General requirements and test conditions (see B.1)</b> .....	<b>6</b>
4.1 General.....	6
4.2 Tolerance of test equipment.....	6
4.3 Determination of a protected volume .....	6
<b>5 Test equipment</b> .....	<b>6</b>
5.1 Articulated test plate .....	6
5.2 Test mass .....	7
5.3 Test probes.....	7
5.4 Small parts cylinder .....	9
5.5 Test bar A.....	10
5.6 Test bar B.....	10
5.7 Datum board.....	10
5.8 Metal hooks.....	11
5.9 Rubber adaptor .....	12
5.10 Apparatus for dynamic strength test.....	13
5.11 Test sphere.....	13
5.12 Test equipment for handle locking mechanism strength test.....	13
<b>6 Material hazard</b> .....	<b>14</b>
6.1 Hazards due to organic materials .....	14
6.2 Chemical hazards .....	14
6.2.1 Migration of certain elements .....	14
6.2.2 Formaldehyde .....	14
6.2.3 Colorants.....	14
6.3 Thermal hazards .....	15
<b>7 Mechanical hazard</b> .....	<b>15</b>
7.1 Protective function.....	15
7.1.1 General.....	15
7.1.2 Internal height of carry cot and effectiveness of retaining function (see B.3) .....	16
7.1.3 Overall height of a carry cot with flexible handles (see B.4).....	19
7.1.4 Castors/wheels of stands .....	19
7.1.5 Restraint system.....	19
7.1.6 Reclinable base.....	19
7.2 Entrapment hazards (See B.5) .....	19
7.2.1 Requirements.....	19
7.2.2 Test method .....	20
7.3 Hazard from moving parts (see B.6) .....	20
7.4 Entanglement hazards .....	20
7.4.1 Requirements.....	20
7.4.2 Test for cords, straps and ribbons.....	21
7.4.3 Test for loops.....	21
7.5 Choking and ingestion hazards.....	22

7.5.1	Requirements.....	22
7.5.2	Test methods for small parts.....	22
7.6	Suffocation hazards (see B.7).....	22
7.6.1	Internal lining.....	22
7.6.2	Plastic packaging.....	23
7.6.3	Filling materials.....	23
7.6.4	Hazards due to the softness of the base.....	23
7.6.5	Mattress size.....	24
7.7	Hazards edges, points and corners.....	24
7.8	Stability.....	24
7.8.1	Stability of carry cots (see B.8).....	24
7.8.2	Longitudinal stability of carry cots.....	25
7.8.3	Stability of stands and retention of carry cot on the stand.....	26
7.9	Structural integrity (see B.9).....	26
7.9.1	Flexible handles of carry cots.....	26
7.9.2	Strength of carrying handle(s) locking mechanism(s).....	27
7.9.3	Strength of carry cots.....	28
7.9.4	Strength of stands.....	30
7.9.5	Folding mechanisms of stands.....	30
8	Durability of marking.....	31
9	Product information.....	31
9.1	General.....	31
9.2	Purchase information.....	31
9.2.1	General.....	31
9.2.2	Carry cots.....	31
9.2.3	Stands.....	32
9.3	Markings.....	32
9.4	Instructions for use and maintenance.....	33
9.4.1	General.....	33
9.4.2	Carry cots.....	33
9.4.3	Stands.....	35
	Annex A (informative) Warnings.....	36
	Annex B (informative) Rationales.....	49
	Annex ZA (informative) Relationship between this European Standard and the safety requirements of Directive 2001/95/EC aimed to be covered.....	51
	Bibliography.....	54

## EN 1466:2023 (E)

### European foreword

This document (EN 1466:2023) has been prepared by Technical Committee CEN/TC 252 “Child 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 December 2023, and conflicting national standards shall be withdrawn at the latest by June 2024.

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 1466:2014.

EN 1466:2023 includes the following significant technical changes with respect to EN 1466:2014:

- improvement of title to take into account the domestic use only;
- improvement of scope to clarify which products are involved (1);
- introduction of new chemical requirement following CEN/TR 13387 revision;
- clarification of clause of the restraints system (7.1.5);
- improvement of requirement and test method for non-rigid carry cot (7.1.2.3 and 7.1.2.4);
- introduction of new requirements and test methods to cover suffocation hazard (7.6.);
- improvement of stability test, strength test and folding mechanisms of stands (7.8.3, 7.9.3 and 7.9.4);
- improvement of instruction of use especially concerning the use of non-rigid carry cot.

This document has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For relationship with EU Directive(s) / Regulation(s), see informative Annex ZA, which is an integral part of this document.

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.

## 1 Scope

This document specifies safety requirements and test methods for products which provide a sleeping accommodation and are intended for the purpose of carrying a child in a lying position by means of handle(s) by using one hand and for stands which could be used in conjunction with these products (see B.2), intended for domestic use.

These products are intended for a child who cannot sit unaided, roll over or push up on its hands and knees, with a maximum weight of 9 kg. Hereafter, in this document these products are called “carry cots” and include all types of carry cot with rigid or non-rigid sides.

The following child products do not fall within the scope of this document: products for children with special needs; child products which are medical devices and child products that accommodate particular issues with child development such as prematurity or macrosomia.

NOTE If a product has or can be converted into other functions, additional European Standards can apply.

## 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 71-1:2014+A1:2018, *Safety of toys - Part 1: Mechanical and physical properties*

EN 71-2:2020, *Safety of toys - Part 2: Flammability*

EN 71-3:2019+A1:2021, *Safety of toys - Part 3: Migration of certain elements*

EN 71-10:2005, *Safety of toys - Part 10: Organic chemical compounds - Sample preparation and extraction*

EN 71-11:2005, *Safety of toys - Part 11: Organic chemical compounds - Methods of analysis*

EN 717-1:2004, *Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the chamber method*

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

EN ISO 105-A03:2019, *Textiles - Tests for colour fastness - Part A03: Grey scale for assessing staining (ISO 105-A03:2019)*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**