



NSAI
Standards

Irish Standard
I.S. EN 13209-1:2021&LC:2021

Child use and care articles - Baby carriers
- Safety requirements and test methods -
Part 1: Framed back carriers

I.S. EN 13209-1:2021&LC:2021

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:

Published:

This document was published under the authority of the NSAI and comes into effect on:

2022-01-14

ICS number:

97.190

NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 13209-1:2021&LC:2021 is the adopted Irish version of the European Document EN 13209-1:2021, Child use and care articles - Baby carriers - Safety requirements and test methods - Part 1: Framed back carriers

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

For relationships with other publications refer to the NSAI web store.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This page is intentionally left blank

Correction Notice

Reference: EN 13209-1:2021

Title:

Work Item: 00252071

Brussels, 2021-12-23

Please include the following minor editorial correction(s) in the document related to:

the following language version(s) :

- English
- French
- German

for the following procedure :

- PQ/UQ
- Enquiry
- 2nd Enquiry
- Parallel Enquiry
- 2nd Parallel Enquiry
- Formal Vote
- 2nd Formal Vote
- Parallel Formal Vote
- 2nd Parallel Formal Vote
- UAP
- TC Approval
- 2nd TC Approval
- Publication
- Parallel Publication

It has been brought to our attention that this document, issued on 2021-07-21, requires modification.

Figures 1 to 9 have been resized for a better readability

Please find enclosed the updated English version.

We apologise for any inconvenience this may cause.

This page is intentionally left BLANK.

EUROPEAN STANDARD

EN 13209-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2021

ICS 97.190

Supersedes EN 13209-1:2004

English Version

Child care articles - Child carriers - Safety requirements and test methods - Part 1: Framed back carrier

Articles de puériculture - Porte-enfants - Exigences de
sécurité et méthodes d'essai - Partie 1 : Porte-enfants
dorsaux à armature

Artikel für Säuglinge und Kleinkinder - Kindertragen -
Sicherheitstechnische Anforderungen und
Prüfverfahren - Teil 1: Rückentragen mit Gestell

This European Standard was approved by CEN on 25 January 2021.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 23 December 2021.

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, 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.....	4
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Test equipment.....	7
4.1 Small parts cylinder	7
4.2 Feeler gauge	7
4.3 Test torso	8
4.4 Test masses and dummy.....	9
4.4.1 Test mass A.....	9
4.4.2 Test mass B.....	9
4.4.3 Test mass C	10
4.4.4 Test mass D.....	10
4.4.5 Test mass E	11
4.4.6 Test dummy.....	11
4.5 Test platform	12
4.6 Test probes for finger entrapment	12
4.6.1 Finger probe with hemispherical end	12
4.6.2 Finger probe for mesh	13
4.6.3 Shape assessment probe.....	13
5 General requirements	14
5.1 Order of tests	14
5.2 Test conditions.....	14
5.3 Tolerances	15
6 Chemical hazards	15
6.1 Migration of certain elements	15
6.2 Formaldehyde	16
7 Thermal hazards	16
7.1 General.....	16
7.2 Flammability.....	16
7.2.1 Requirements	16
7.2.2 Test methods.....	16
8 Mechanical hazards	16
8.1 Entrapment of fingers.....	16
8.1.1 Requirement.....	16
8.1.2 Test method.....	16
8.2 Edges, projections and corners	17
8.3 Choking and ingestion hazards	17
8.3.1 Requirements	17
8.3.2 Test methods.....	17
8.4 Entanglement hazards.....	18
8.4.1 Requirements	18
8.4.2 Test methods.....	18
8.5 Stability.....	19
8.5.1 Requirements	19

8.5.2	Test method	19
8.6	Protective function	20
8.6.1	Child restraint system	20
8.6.2	Carer's attachment system	20
8.6.3	Structural integrity	21
9	Suffocation hazards from packaging materials	21
10	Product information	22
10.1	General	22
10.2	Purchase information	22
10.3	Marking	22
10.4	Instructions for use	22
10.4.1	General	22
10.4.2	Warnings	23
10.4.3	Additional information	23
	Annex A (normative) Warnings	24
	Annex B (informative) Rationales	29
	Bibliography	31

EN 13209-1:2021 (E)

European foreword

This document (EN 13209-1:2021) 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 January 2022, and conflicting national standards shall be withdrawn at the latest by July 2022.

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 13209-1:2004.

In comparison with EN 13209-1:2004, the following changes were made:

- Clarified the scope, which includes a maximum weight for which the product is intended;
- Improvement of definitions including the addition of the definition of framed back carrier;
- Conversion to a hazard based format;
- Introduction of additional test masses;
- Reduction in tolerances;
- Update of chemical requirements;
- Update of flammability requirements and test methods;
- Increase in size of bounded openings in recognition of the age of the child for which the product is intended;
- Improvement of entanglement hazard requirements and addition of test methods;
- Improvement of the test methods for the carer's attachment system;
- Introduction of warning for packaging materials;
- Introduction of purchase information;
- Addition of warning translations;
- Addition of rationales.

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).

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, Turkey and the United Kingdom.

EN 13209-1:2021 (E)

1 Scope

This document specifies the safety requirements and test methods for child back carriers with framed support to carry a child in a seated position. Framed back carriers are intended for children from 6 months of age up to a maximum weight of 18 kg and are designed to carry the child on the carer's back and be attached to a carer's torso allowing a hands-free operation e.g. standing, walking.

Note The rationales for the inclusion of some of the requirements given in this document are given in Annex B.

This document does not cover framed back carriers designed for children with special needs.

If the framed back carrier has other functions not covered in this document, reference should be made to the relevant European Standard.

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, *Safety of toys — Part 2: Flammability*

EN 71-3, *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)*

3 Terms and definitions

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

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

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

3.1

framed back carrier

product with a framed support designed to carry the child on the carer's back and to be attached to the carer's torso

3.2

freestanding framed back carrier

framed back carrier designed to stand unsupported

3.3

carer's attachment system

fastenings, straps and/or belts or similar parts which are fitted to the framed back carrier for the purpose of securing the product to the carer's torso

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-