

**Pakend. Pakendi tootmisele ja
koostisele rakendatavad spetsiifilised
nõuded. Vältimine vähendamisega
tekkekohas**

Packaging - Requirements specific to manufacturing
and composition - Prevention by source reduction

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13428:2004 sisaldab Euroopa standardi EN 13428:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 26.10.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13428:2004 consists of the English text of the European standard EN 13428:2004.</p> <p>This document is endorsed on 26.10.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This document specifies a procedure for assessment of packaging to ensure that the weight and/or volume of its material content is at the minimum commensurate with the maintenance of : - functionality throughout the supply and user chain ; - safety and hygiene for both product and user/consumer ; - acceptability of the packed product to the user/consumer.</p>	<p>Scope:</p> <p>This document specifies a procedure for assessment of packaging to ensure that the weight and/or volume of its material content is at the minimum commensurate with the maintenance of : - functionality throughout the supply and user chain ; - safety and hygiene for both product and user/consumer ; - acceptability of the packed product to the user/consumer.</p>
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Võtmesõnad: koostis, nõue, pakend, spetsiifiline, tekkekoht, tootmine, vähendamine, vältimine

English version

Packaging - Requirements specific to manufacturing and composition - Prevention by source reduction

Emballage - Exigences spécifiques à la fabrication et à la composition - Prévention par la réduction à la source

Verpackung - Spezifische Anforderungen an die Herstellung und Zusammensetzung - Ressourcenschonung durch Verpackungsminimierung

This European Standard was approved by CEN on 5 May 2004.

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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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This document (EN 13428:2004) has been prepared by Technical Committee CEN/TC 261 "Packaging", 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 2005, and conflicting national standards shall be withdrawn at the latest by January 2005.

This document supersedes EN 13428:2000.

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

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

This standard forms one of a series of standards and reports prepared under Mandate M 200 rev.3 and the Second Standardisation Mandate M317 given to CEN by the European Commission and the European Free Trade Association to support the European Council and Parliament Directive on Packaging and Packaging Waste [94/62/EC]. The procedure for applying this standard in conjunction with the other mandated standards and reports is specified in EN 13427.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard : Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Introduction

The Directive on Packaging and Packaging Waste (94/62/EC) defines requirements for the manufacturing and composition of packaging. This document amplifies these requirements with respect to reduction of packaging at source and the minimisation of dangerous substances or preparations as they may arise from waste management operations. The European Standard EN 13427 provides a framework within which this and four other standards may be used together to support a claim that a packaging is in compliance with the essential requirements for packaging to be placed on the market as required by the Directive.

NOTE The Directive 94/62/EC is amended by European Parliament and Council Directive 2004/12/EC of 11 February 2004.

The purpose of packaging is the containment, protection, handling, delivery and presentation of products. A major role is prevention of product damage and/or product waste. Reduction of packaging at source is one of several options for reducing the amount of used packaging for final disposal. In order to save resources and minimise waste, the whole system in which the packaging takes part should be optimised.

This document presents a framework for self-assessment to determine whether the requirements of this standard have been met. Its approach is similar to that of systems standards such as the EN ISO 9000 series or an environmental management system such as EN ISO 14001.

1 Scope

This document specifies a procedure for assessment of packaging to ensure that the weight and/or volume of its material content is at the minimum commensurate with the maintenance of :

- functionality throughout the supply and user chain ;
- safety and hygiene for both product and user/consumer ;
- acceptability of the packed product to the user/consumer.

This document also specifies the methodology and procedure for determining the presence of the four heavy metals named in article 11 of the packaging and packaging waste Directive 94/62/EC and for determining the presence and minimisation of any dangerous substances or preparations if they are present in packaging and are likely to be released into the environment as a result of waste management operations. The procedures are referenced in CR 13695-1 and CEN/TR 13695-2.

NOTE The substitution of one packaging material by another is not a basis for source reduction.

This document cannot by itself provide presumption of conformity. The procedure for applying this document is contained in EN 13427.

2 Normative references

The following referenced documents are indispensable for the application 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 13193, *Packaging – Packaging and the Environment – Terminology*.

EN 13427, *Packaging – Requirements for the use of European Standards in the field of packaging and packaging waste*.

CR 13695-1:2000, *Packaging – Requirements for measuring and verifying the four heavy metals and other dangerous substances present in packaging, and their release into the environment – Part 1 : Requirements for measuring and verifying the four heavy metals present in packaging*.

CEN/TR 13695-2:2004, *Packaging – Requirements for measuring and verifying the four heavy metals and other dangerous substances present in packaging, and their release into the environment – Part 2 : Requirements for measuring and verifying dangerous substances present in packaging and their release into the environment*.

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13193 and the following apply.

3.1

prevention by source reduction

process for the achievement of a minimum adequate weight and/or volume, for identical requirements, of primary and/or secondary and/or tertiary packaging, when performance and user acceptability remain unchanged and/or adequate, thereby minimising the impact on the environment

3.2

critical area for source reduction

specific performance criterion which prevents further reduction of weight and/or volume of the packaging without endangering functional performance, safety and user/consumer acceptability