



SLOVENSKI STANDARD SIST EN ISO 90-3:2002

01-januar-2002

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SIST EN 20090-3:1997

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Light gauge metal containers - Definitions and determination of dimensions and capacities - Part 3: Aerosol cans (ISO 90-3:2000)

Verpackungen aus Feinstblech - Begriffe und Verfahren zur Bestimmung von Abmessungen und Volumen - Teil 3: Aerosoldosen (ISO 90-3:2000)

Réipients métalliques légers - Définitions et détermination des dimensions et des capacités - Partie 3: Boîtiers pour aérosols (ISO 90-3:2000)

Ta slovenski standard je istoveten z: EN ISO 90-3:2001

ICS:

- 01.040.55 Pakiranje in distribucija blaga (Slovarji) Packaging and distribution of goods (Vocabularies)
- 55.130 Úl [^çã \ ^Á ææ! [• [| ^ Aerosol containers

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 90-3

August 2001

ICS 55.130

Supersedes EN 20090-3:1992

English version

**Light gauge metal containers - Definitions and determination of
dimensions and capacities - Part 3: Aerosol cans (ISO 90-
3:2000)**

Récipients métalliques légers - Définitions et détermination
des dimensions et des capacités - Partie 3: Boîtiers pour
aérosols (ISO 90-3:2000)

Verpackungen aus Feinstblech - Begriffe und Verfahren zur
Bestimmung von Abmessungen und Volumen - Teil 3:
Aerosoldosen (ISO 90-3:2000)

This European Standard was approved by CEN on 29 June 2001.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 90-3:2001 (E)**Foreword**

The text of the International Standard from Technical Committee ISO/TC 52 "Light gauge metal containers" of the International Organization for Standardization (ISO) has been taken over as an European Standard 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 February 2002, and conflicting national standards shall be withdrawn at the latest by February 2002.

This European Standard replaces EN 20090-3:1992.

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

Endorsement notice

The text of the International Standard ISO 90-3:2000 has been approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD

**ISO
90-3**

Second edition
2000-08-01

Light gauge metal containers — Definitions and determination of dimensions and capacities —

Part 3: Aerosol cans

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*Réipients métalliques légers — Définitions et détermination des
dimensions et des capacités*

Partie 3: Boîtiers pour aérosols

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Reference number
ISO 90-3:2000(E)

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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.ch
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Printed in Switzerland

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ISO 90-3:2000(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 90 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 90-3 was prepared by Technical Committee ISO/TC 52, *Light gauge metal containers*, Subcommittee SC 6, *Aerosol containers*.

This second edition cancels and replaces the first edition (ISO 90-3:1986), which has been technically revised.

ISO 90 consists of the following parts, under the general title *Light gauge metal containers — Definitions and determination of dimensions and capacities*:

- *Part 1: Open-top cans*
- *Part 2: General use containers*
- *Part 3: Aerosol cans*

NOTE An "open-top can" is a can one end of which is double-seamed after filling. A "general use container" is a container which is sealed after filling with a closure that need not be double-seamed.

Annex A of this International Standard is for information only.

Introduction

ISO 90 consists of three parts which group definitions, methods of determination of dimensions and capacities, as well as tolerances and designations of rigid containers made of metal with a maximum nominal material thickness of 0,49 mm.

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Light gauge metal containers — Definitions and determination of dimensions and capacities —

Part 3: Aerosol cans

1 Scope

This part of ISO 90 defines the diameters, apertures, constructions, shapes and capacities of round, aerosol cans. It specifies methods for determining diameters, gross lidded and brimful capacities. It also gives tolerances on capacity and recommends an international designation.

NOTE A list of standards dealing with materials used for aerosol cans is given in the Bibliography.

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2 Terms and definitions

For the purposes of this part of ISO 90, the following terms and definitions apply. The figures given in this clause illustrate the terminology. <https://standards.iteh.ai/catalog/standards/sist/c948fbef-3be1-40b0-a778-b29cb9f1645e/sist-en-iso-90-3-2002>

2.1

aerosol can

rigid can made of light gauge metal with a maximum nominal material thickness of 0,49 mm; non-refillable can intended to contain a product which is dispensed by pre-stored pressure in a controlled manner through a valve

2.2 Heights

2.2.1

body height

H_1

height of the body over the double seams (three piece aerosol cans only)

See Figure 1 a).

2.2.2

overall height

H_3

height of the unclosed container

See Figures 1 a) and 1 b).