



**NSAI**  
Standards

Irish Standard  
I.S. EN 15008:2017

# Aerosol containers - Aluminium containers - Dimensions of one-piece cans with 25,4 mm aperture

**I.S. EN 15008:2017**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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*This document is based on:*

EN 15008:2017

*Published:*

2017-03-22

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

2017-04-09

ICS number:

55.130

NOTE: If blank see CEN/CENELEC cover page

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## National Foreword

I.S. EN 15008:2017 is the adopted Irish version of the European Document EN 15008:2017, Aerosol containers  
- Aluminium containers - Dimensions of one-piece cans with 25,4 mm aperture

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**EUROPEAN STANDARD**

**EN 15008**

**NORME EUROPÉENNE**

**EUROPÄISCHE NORM**

March 2017

ICS 55.130

Supersedes EN 15008:2006

English Version

## **Aerosol containers - Aluminium containers - Dimensions of one-piece cans with 25,4 mm aperture**

Réipients pour aérosols - Réipients en aluminium -  
Dimensions des boîtiers monoblocs (une pièce) avec  
ouverture de 25,4 mm

Aerosolpackungen - Aluminiumbehälter - Maße von  
einteiligen Behältern mit einer Öffnung von 25,4 mm

This European Standard was approved by CEN on 7 February 2017.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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## European foreword

This document (EN 15008:2017) 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 September 2017, and conflicting national standards shall be withdrawn at the latest by September 2017.

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 15008:2006.

This draft European Standard is one of a package of 10 related standards with the following titles:

- EN 14847, *Aerosol containers — Tinsplate containers — Dimensions of the 25,4 mm aperture;*
- EN 14848, *Aerosol containers — Metal containers with 25,4 mm aperture — Dimensions of valve cups;*
- EN 14849, *Aerosol containers — Glass containers — Dimensions of aerosol valve ferrules;*
- EN 14850, *Aerosol containers — Metal containers with 25,4 mm aperture — Measurement of contact height;*
- EN 14854, *Aerosol containers — Glass containers — Dimensions of the neck finish;*
- EN 15006, *Metal aerosol containers — Aluminium containers — Dimensions of the 25,4 mm aperture;*
- EN 15007, *Aerosol containers — Tinsplate containers — Dimensions of two and three-piece cans;*
- EN 15008, *Aerosol containers — Aluminium containers — Dimensions of one-piece cans with 25,4 mm aperture;*
- EN 15009, *Aerosol containers — Compartmented aerosol containers;*
- EN 15010, *Aerosol containers — Aluminium containers — Tolerances of the fundamental dimensions in connection with the clinch.*

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## EN 15008:2017 (E)

### 1 Scope

This European Standard specifies the dimensions and volumes for one-piece aluminium aerosol containers with a 25,4 mm aperture.

This European Standard applies to one-piece containers of monobloc construction with an ogival, spherical or flat shoulder.

### 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15010, *Aerosol containers - Aluminium containers - Tolerances of the fundamental dimensions in connection with the clinch*

### 3 Terms and definitions

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

#### 3.1

##### **monobloc construction**

construction without seaming, welding or soldering

#### 3.2

##### **brimful capacity**

capacity, in millilitres, of an aerosol container without an aerosol valve

### 4 Requirements

#### 4.1 Classification of containers

One-piece aluminium aerosol containers shall be classified according to five characteristic dimensions:

- a) brimful capacity ( $C_2$ );
- b) nominal outside diameter ( $D_e$ ) which, when measured in accordance with EN 15010, shall have a tolerance of  $\pm 0,3$  mm;
- c) cover seat height ( $H_2$ ), which shall be as shown in Figure 1 and which shall have a tolerance of  $\pm 0,5$  mm measured at  $(D_e - 2)$  mm;
- d) nominal overall height ( $H_3$ ), which shall be as shown in Figure 1 and which shall have a tolerance of  $\pm 0,4$  mm;
- e) shoulder, which shall be either ogival, spherical or flat as shown in Figure 1.

#### 4.2 Filling volumes

The filling volumes of aerosol containers with ogival shoulders shall be as shown in Table 1. The filling volumes of aerosol containers with spherical shoulders shall be as shown in Table 2. The filling volumes of aerosol containers with flat shoulders shall be as shown in Table 3.

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