



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 15008:2006

ICS 55.130

**AEROSOL CONTAINERS - ALUMINIUM
CONTAINERS - DIMENSIONS OF ONEPIECE
CANS WITH 25,4 MM APERTURE**

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EUROPEAN STANDARD

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English Version

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

Réceptifs pour aérosols - Réceptifs en aluminium -
Dimensions des boîtiers monobloc (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 6 August 2006.

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 Central Secretariat 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 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This document (EN 15008:2006) 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of an identical text or by endorsement, at the latest by April 2007, and conflicting national standards shall be withdrawn at the latest by April 2007.

This draft European Standard is one of a series of thirteen related standards with the following titles:

- EN 14847, *Aerosol containers — Tinplate 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 14851, *Aerosol containers — Aerosol foam flammability test*
- EN 14852, *Aerosol containers — Determination of the ignition distance of the spray jet*
- EN 14853, *Aerosol containers — Enclosed space ignition test*
- 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, *Metal aerosol containers — Tinplate 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 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

EN 15008:2006 (E)

1 Scope

This European Standard specifies the dimensions and volumes for one-piece aluminium aerosol containers with a 25,4 mm aperture in relation to the capacities fixed by European Directive 80/232/EEC [2].

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

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 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.

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