



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 13025-2:2005

ICS 55.140

**PACKAGING - LIGHT GAUGE METAL  
CONTAINERS - PART 2: NONREMOVABLE  
HEAD (TIGHT HEAD) ROUND STEEL AND  
TINPLATE CONTAINERS WITH A NOMINAL  
CAPACITY OF 20 000 ML, 25 000 ML AND 30  
000 ML**

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EUROPEAN STANDARD

**EN 13025-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2005

ICS 55.140

Supersedes EN 13025:2000

English Version

**Packaging - Light gauge metal containers - Part 2: Non-removable head (tight head) round steel and tinplate containers with a nominal capacity of 20 000 ml, 25 000 ml and 30 000 ml**

Emballage - Emballages métalliques légers - Partie 2:  
Tonnelets à ouverture partielle d'une capacité nominale de  
20 000 ml, 25 000 ml et 30 000 ml

Verpackungen - Feinstblechverpackungen - Teil 2:  
Spundfässer mit einem Nennvolumen von 20 000 ml, 25  
000 ml und 30 000 ml

This European Standard was approved by CEN on 12 September 2005.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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## **Foreword**

This European Standard (EN 13025-2:2005) 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of an identical text or by endorsement, at the latest by May 2006, and conflicting national standards shall be withdrawn at the latest by May 2006.

This European Standard supersedes EN 13025:2000.

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.

## EN 13025-2:2005 (E)

### 1 Scope

Part 2 of EN 13025 specifies 20 l, 25 l and 30 l nominal capacity round cylindrical and tapered non-removable head containers with steel and tinplate thickness not exceeding 0,49 mm.

Recommended dimensions related to this range of nominal filling volumes are shown in Table 1 of this European Standard.

### 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 applies (including any amendments).

EN 10130, *Cold rolled low carbon steel flat products for cold forming - Technical delivery conditions*

EN 10131, *Cold rolled uncoated low carbon and high yield strength steel flat products for cold forming - Tolerances on dimensions and shape*

EN 10202, *Cold reduced tinmill products - Electrolytic tinplate and electrolytic chromium/chromium oxide coated steel*

EN 13029, *Packaging – Light-gauge metal packaging – Apertures for plug-in plastic closures*

### 3 Terms and definitions

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

#### 3.1

##### **non-removable head (tight head) container**

##### **TH**

cylindrical packaging made of steel or tinplate, the ends of which are permanently fixed to the body, with openings for filling, emptying and venting in the head

#### 3.3

##### **overall height**

##### **$h_o$**

height of the finished container from the base to the highest point (see Figure 1)

#### 3.3

##### **stacking height**

##### **$h_s$**

effective height of the container in a stack, i.e. the height from the base of a container to the base of a similar container above it in a stack (see Figure 1)

#### 3.4

##### **external diameter**

##### **$d_e$**

maximum dimension of a container diameter (see Figure 1)

#### 3.5

##### **internal diameter**

##### **$d_i$**

internal diameter of the container body shell (see Figure 1)

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