BS ISO 24021-2:2024

BSI Standards Publication

Light gauge metal containers — Vocabulary and classification

Part 2: General cans

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National foreword

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A list of organizations represented on this committee can be obtained on request to its committee manager.

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Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
3.1 Terms related to raw and processed materials 1
3.2 Terms related to manufacturing technique 2
3.3 Terms related to quality 3
3.4 Terms related to classification 8
Annex A (informative) **Classification** **17**

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Foreword

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This document was prepared by Technical Committee ISO/TC 52, *Light gauge metal containers*.

A list of all parts in the ISO 24021 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

The terms and classification of open-top cans and ends are specified in ISO 24021-1. This document is a continuation of ISO 24021-1, and aims to specify relevant terminology and classification on general cans according to industries situation, and to promote the technical communication and international trade for stakeholders in this field.

Similar to open-top cans and ends, some terminology of general cans currently in use has developed through common usage and is not always logical. There are occasional conflicts between tradition and logic, and some definitions inevitably represent a compromise. The same situation exists with classification, the method by which classifiers are defined depends upon the application area. In addition, the classifiers used within a particular application area will not always be adequate for all situations.

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Light gauge metal containers — Vocabulary and classification —

Part 2:
General cans

1 Scope

This document defines terms and establishes a classification (see Annex A) for general cans.

This document is applicable to general cans used in food, chemical, gift and other fields made of tinplate or chrome plated steel, stainless steel plate and laminated steel plate with a nominal material thickness no more than 0,49 mm.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1 Terms related to raw and processed materials

3.1.1
plain plate
ETP or TFS plate with bare surface

Note 1 to entry: ETP is the abbreviation for tinplate or electrolytic tinplate.

Note 2 to entry: TFS is the abbreviation for tin free steel, another name for electrolytic chromium or chromium oxide-coated steel.

3.1.2
stainless steel
steel with no rust, corrosion resistance, and chromium content of at least 10,5 %, and the maximum carbon content of not more than 1,2 %

3.1.3
coated tinplate or tin free steel
plain plate (3.1.1) coated with lacquer and cured at high temperature to form a film on its surface

3.1.4
laminated steel
composite material with dual properties of organic polymer material and metal material formed by laminating a layer of polymer film on the surface of *plain plate* (3.1.1) through the melting method

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