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CCS A82



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 15170-2025

Replacing GB/T 15170-2007

Packaging containers - Pails of sheet for industry

包装容器 工业用薄钢板圆罐

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document replaces GB/T 15170-2007 "Thin steel round cans for packaging container industry". In addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) The category of round cans has been added to the classification based on appearance (see 4.1 and Table 1, 4.1 and Table 1 of the 2007 edition);
- b) Added classification according to the hazard level of contents (see 4.2);
- c) Added some specifications for Class 5 and Class 6 round cans and the specifications for Class 7 round cans (see Tables 4 to 6);
- d) Added material and accessory requirements (see Chapter 6);
- e) Deleted the hygiene requirements (see 5.1.4 of the 2007 edition);
- f) Added requirements and test methods for weld patch coating integrity (see 7.3, 8.3);
- g) The requirements and test methods for airtightness have been changed (see 7.4.1, 8.4, and 6.2 of the 2007 edition);
- h) The requirements and test methods for hydraulic strength have been changed (see 7.4.2, 8.5, and 5.2.2,

1 Scope

GB/T 15170-2025 is the Chinese national standard on packaging containers - pails of sheet for industry, in the field of packaging and distribution of goods. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 30 June 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2026. Classification: ICS 55.120, CCS A82. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document provides the classification of industrial thin steel plate round tanks (hereinafter referred to as "round tanks"), specifies the structural dimensions, materials and accessories, technical requirements, Requirements, inspection rules, marking, packaging, transportation and storage, and describes the test methods. This document applies to the design, manufacture and inspection of round tanks with a capacity of (0.1~16)L made of thin steel plates as the main material.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB 190 Dangerous Goods Packaging Marking

GB/T 191 Pictorial symbols for packaging, storage and transportation

GB/T 2520 Cold-rolled electro-tinned steel sheet and strip

GB/T 2828.1-2012 Sampling procedures for inspection by attributes Part

3 Static load stacking test method

GB/T 4857.5 Drop test method for packaging and transport packages

GB 12463 General Technical Requirements for Transport Packaging of Dangerous Goods

GB/T 13251 Packaging steel drum closures

GB/T 17344 Packaging - Airtightness test method for packaging containers

GB/T 18455 Packaging Recycling Mark

GB/T 24180 Cold-rolled chromium-plated steel sheets and strips

GB/T 40871 Plastic film thermally laminated steel sheets and strips QB/T 2763 Coated
tinned (or chromium) steel sheets YB/T 5294 Low carbon steel wire for general purpose

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