

ICS 55.140
CCS A82



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

GB/T 13251-2018

Replacing GB/T 13251-2008

Packaging - Steel drum closures

包装 钢桶封闭器

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 13251-2008 "Packaging steel drum embedded flange sealer". Compared with GB/T 13251-2008, this standard changes the main technical contents except for editorial changes.

- Adjusted the reference file (see Chapter 2, Chapter 2 of the.2008 edition);
- Removed the term synthetic rubber, thermoplastic definition (see.2008 edition 3.2, 3.3);
- Added the term steel barrel closure, hoop closure definition (see 3.1, 3.3);
- Modified the term embedded flange closure definition (see 3.2,.2008 version 3.1);
- Revised the classification of the closure (see Chapter 4, Chapter 4 of the.2008 edition);
- Revised the standards that metal materials should meet (see 5.1, 5.4.1 of the.2008 edition);
- Modified the thickness of the galvanized layer on the flange and barrel surface (see 6.4,.2008 edition 5.3);
- Increased corrosion resistance requirements and test methods (see 6.6, 7.7);
- Removed the contents of the B-type embedded flange sealer (see 6.5 of the.2008 edition);
- Added the contents of the embedded flange sealer ring and guard ring (see A.7);
- Added the content of non-embedded closures and hoop closures (see Appendix B and Appendix C);

1 Scope

GB/T 13251-2018 is the Chinese national standard on packaging - steel drum closures, 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 14 May 2018 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2018. Classification: ICS 55.140, 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 standard specifies the classification, materials, technical requirements, test methods, inspection rules, signs, and steel drum sealers (hereinafter referred to as "closers"). Packaging, transportation and storage. This standard applies to the design, manufacture, use and supervision of sealers.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 packaging storage and transportation icon

GB/T 2520 cold rolled electroplated tin plate and strip

GB/T 2828.1 Counting sampling inspection procedures - Part 1. Batch-to-batch sampling plan, search by the acceptance quality limit (AQL)

GB/T 3274 carbon structural steel and low alloy structural steel hot rolled steel sheet and strip

GB/T 4122.4 Packaging terminology - Part 4. Materials and containers

GB/T 4956 magnetic substrate non-magnetic covering layer thickness measurement magnetic method

GB/T 6461 Metal and other inorganic coatings on metal substrates after corrosion test samples and test pieces

GB/T 10125 artificial atmosphere corrosion test salt spray test

GB/T 11253 carbon structural steel cold rolled steel sheet and strip

GB/T 14978 continuous hot-dip aluminum-zinc alloy coated steel plate and steel strip

GB/T 15675 continuous electroplating zinc, zinc-nickel alloy coated steel plate and steel strip

GB/T 24180 cold rolled chrome plate and strip

3 Terms and definitions

The following terms and definitions as defined in GB/T 4122.4 apply to this document.

3.1 Steel barrel closure steeldrumclosures Use thread locking and barrel closure, closed hoop, etc., with other metal or synthetic materials such as synthetic rubber parts to ensure steel drum The device for sealing the mouth of the barrel.

3.2 Embedded flange sealer insertedflange-typeclosure Closed by threaded flanges and barrel plugs with mechanical snap locks, and made of other metal or synthetic materials such as synthetic rubber, plastic, etc. A device for sealing steel drums.

3.3 Hoop sealer ringclosure A forming endless belt for clamping a movable end cap to a steel drum, the ends of which are connected by a hoop, a tight ear, a bolt or other mechanical means.