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**NONFERROUS METALS INDUSTRIAL STANDARD OF THE PEOPLE'S
REPUBLIC OF CHINA**

YS/T 91-2002

Replace YS/T 91-1995

瓶盖用铝及铝合金板、带材

**Wrought Aluminium and Aluminium Alloy Sheets, Strips
for Capsule**

Issued on November 22, 2002

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Issued by State Economic and Trade Commission

Foreword

This Standard is the amendment of YS/T 91-1995. This Standard is formulated in reference to European Community Standard EN 485-2:1994 Mechanical Property of Aluminium and Aluminium Alloy Sheets and Strips.

Compared with YS/T 91-1995, this Standard changes significantly on the following content:

Explicitly specifies the content of harmful elements such as lead, arsenic and cadmium. Increase the requirement of “unevenness”, and the requirements of thickness allowable deviation, width allowable deviation and turriform are stricter than the original standard. As for the allowable deviation of panel length and diagonal, no “ordinary class” and “high-precision class” will be set.

— Increase two alloy designations 8011A and 5052 and two states H24 and H26.

Mechanical property is significantly amended in reference to EN 485-2:1994. Requirements for processing property are refined, and the index is stricter than the original standard. Annex A of this Standard may be regarded as informative annex.

Starting from the effective date of this Standard, this Standard meanwhile replaces YS/T 91-1995.

This Standard is proposed by and under the jurisdiction of National Nonferrous Metals Standardization Technical Committee.

The responsible drafting organizations of this Standard is Southwest Aluminium (Group) Co., Ltd.

The participated drafting organizations of this Standard are Northeast Light Alloy Co., Ltd.

The chief drafting staff of this Standard includes Liu Haiqing, Li Xiang, Lv Xinyu, Ming WenLiang, Ma Baowei, Liang Yan and He Feng.

National Nonferrous Metals Standardization Technical Committee is responsible for the interpretation of this Standard.

This Standard replaces the following historical editions issued:

— YS/T91-1995.

Wrought Aluminium and Aluminium Alloy Sheets, Strips for Capsule

1 Scope

This Standard specifies requirements, test method, inspection rule and packing, mark, transportation, storage and other contents of aluminium and aluminium alloy sheets, strips for twist-off anti-theft capsule.

This Standard applies to aluminium and aluminium alloy sheets, strips for twist-off anti-theft capsule.

2 Normative References

The articles contained in the following documents have become this Standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. However, parties to agreements based on this Standard are encouraged to discuss whether the latest version of those documents can apply. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 228 Metallic Materials-Tensile Testing at Ambient Temperature

GB/T 3190 Methods of Sampling for Analysing the Chemical Composition of Wrought Aluminum and Aluminum Alloy

GB/T 3199 Wrought Aluminium and Aluminium Alloy Products-Packing, Marking, Transporting and Storing

GB/T 5125 Method for Deep Drawing Cups Testing of Non-ferrous Metals

GB/T 6987 (All Parts) Method for Chemical Analysis of Aluminium and Aluminium Alloys

GB/T 7999 Optical Emission Spectrometric Analysis Method of Aluminum and Aluminum Alloys

GB/T 16865 Test Pieces for Tensile Test for Wrought Aluminum and Magnesium Alloy Products

GB/T 17432 Methods for Sampling for Analyzing the Chemical Composition of Wrought Aluminum and Aluminum Alloys

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