

ICS 55.180.30
CCS V52



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

GB/T 18228-2025

Replacing GB/T 18228-2000

**Technical requirements and testing methods for aircraft pallet
net**

航空集装箱网技术要求和试验方法

Issued on: October 5, 2025

Implemented on: May 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

1.Scope	1
2 Normative References	1
3.Terms and Definitions	1
4.Identification	1
5.Dimensions and Total Operating Mass	2
6.Basic Requirements	3
7 Technical Requirements	4
7 References	8

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document supersedes GB/T 18228-2000 "Technical Requirements and Test Methods for Air Freight Container Pallets", and is consistent with GB/T 18228-2000. In comparison, aside from structural adjustments and editorial changes, the main technical changes are as follows:

- a) The scope of application has been changed (see Chapter 1, Chapter 1 of the.2000 edition);
- b) The terms "aviation container pallet mesh" and "double-tailed locking" and their definitions have been added (see
- c) The identifier has been changed (see Chapter 4, 4.8 of the.2000 edition);
- d) Dimensions and overall operating mass have been changed (see Chapter 5, 4.7.1 of the.2000 edition);
- e) Additional basic requirements have been added (see Chapter 6);
- f) The technical requirements have been changed (see Chapter 7, Chapter 4 of the.2000 edition);
- g) The test method was changed (see Chapter 8, Chapter 5 of the.2000 edition);
- h) The dimensions of the container plate mesh structure have been changed (see Appendix A, Appendix A of the.2000 edition);

- i) The center of gravity range of the container unit consisting of pallets and pallet mesh has been removed (see Appendix B of the 2000 edition);
- j) The flame retardancy test has been modified (see Appendix B,

1 Scope

GB/T 18228-2025 is the Chinese national standard on technical requirements and testing methods for aircraft pallet net, 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 5 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2026. Classification: ICS 55.180.30, CCS V52. 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 specifies the markings, dimensions, and total operational mass of aircraft container pallets, as well as the basic and technical requirements, and describes the test methods. This document applies to the design, production, and use of aerospace container mesh with size codes A, B, G, K, L, M, N, R, and S.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 18227 Technical conditions and test methods for air cargo pallets

GB/T 23418 Terminology for Air Freight and Ground Equipment

3 Terms and Definitions

The terms and definitions defined in GB/T 23418 and the following terms and definitions apply to this document.

3.1 aircraftpaletnet Wire mesh used to secure cargo to aircraft container pallets. [Source: GB/T 23418-2009, 2.5, with modifications]

3.2 Double stud tie-downfitting In air transport, to secure cargo, straps, aircraft container pallet netting, and aircraft container mooring rails or cargo hold mooring seats are used.

Next, there is a locking device with two fixed force points.

Note. Airline containers refer to containerized units used in air transport to carry cargo, mail, and baggage, including air containers, air pallets, and air pallet netting. and attachments.

4.1 Composition

4.1.1 The markings shall at least include the identification mark for the aviation container pallet (hereinafter referred to as "pallet") and the requirements of the Chinese Civil Aviation Technical Standards. (CTSO) marks two parts.

4.1.2 The markings shall be complete, accurate, not obscured during use, permanent, and easy to read, and shall meet the requirements of ISO 21100.

4.2 Identification Markers The identification mark should indicate the specifications of the applicable pallet, and the size of the mark should not be less than the size of a complete mesh, 254mm x