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**Packaging — Temperature controlled  
transport packages for parcel shipping —  
Test method of cold retaining function**

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In the event of any doubts arising as to the contents,  
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## Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Packaging Institute (JPI)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act.

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# Packaging — Temperature controlled transport packages for parcel shipping — Test method of cold retaining function

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 22982-2** : 2021, Edition 1, with some modifications of the technical contents to reflect the local conditions in Japan.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. Note, however, that there are some structural changes made in Clause 4 for the convenience of users of this Standard that are not marked with vertical lines or dotted underlines due to only involving changes in location of descriptions. A list of modifications in technical contents and location of descriptions with the explanations is given in Annex JB.

## 1 Scope

This Standard specifies the test method for cold retaining function of temperature-controlled packages using mainly heat insulating materials for parcel shipping. ~~This Standard is not applicable to cold retaining function of active packaging system. For packages of products that are regulated for other reasons (e.g. poisonous or hazardous substances, medicinal products, medical devices, etc.), the relevant regulations shall take precedence over the requirements of this Standard.~~

~~Examples of packaging system and packaging materials used for temperature control are shown in Annex JA.~~

**NOTE** The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 22982-2 : 2021 *Transport Packaging — Temperature controlled transport packages for parcel shipping — Part 2: General specifications of testing* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

## 2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS Z 0108 *Packaging — Vocabulary*