
Transport packaging — Temperature-controlled transport packages for parcel shipping —

**Part 1:
General requirements**

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Classifications	2
4.1 Temperature-controlled packaging systems	2
4.1.1 Passive packaging system	2
4.1.2 Active packaging system	2
4.2 Using phase changing material for temperature-controlled packaging system	3
5 Packaging dimensions	3
5.1 Plan view dimension	3
5.2 Tolerance of thickness	3
6 Safety	3
6.1 General handling	3
6.2 Stacking	4
6.3 Use of phase changing material	4
6.4 Dry ice safety precautions	4
7 Performance	4
7.1 Surface	4
7.2 Tolerance for weight	4
7.3 Measurement of capacity	4
7.4 Sanitation	4
7.5 Thermal performance	4
7.5.1 Temperature consistency	4
7.5.2 Thermal property of material	5
8 Symbol and labelling	5
8.1 General	5
8.2 Labelling position	5
Annex A (informative) Types of temperature-controlled packaging systems	6
Bibliography	10

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 122, *Packaging*.

A list of all parts in the ISO 22982 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document is developed in reflection of the situation where producers and users experience confusion regarding the test procedures of temperature-controlled transport packages for parcel shipping. Despite the increasing international attention to product safety and quality of cold chain parcel shipping through e-commerce, an International Standard that addresses the variations in the use of proper package testing has been missing. This document should be directly applicable to less developed countries as well as developed countries in terms of cold chain system or temperature-controlled supply chain.

The purpose of this document is to specify the general requirements of temperature-controlled packaging systems for transport packaging during parcel shipping. The packages are delivered under temperature-controlled supply chain on the purpose of controlling products' qualities, safety and services.

In certain circumstances, however, agreements can be made among stakeholders under the conditions, including but not limited to the following:

- a) when products weigh heavily;
- b) when dry ice or possible hazardous materials are present inside the package; or
- c) when there is any specific temperature requirement.

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