

**Packaging - Complete, filled transport packages and unit loads - Low pressure test**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 2873:2003 sisaldab Euroopa standardi EN ISO 2873:2002 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 2873:2003 consists of the English text of the European standard EN ISO 2873:2002.
Käesolev dokument on jõustatud 18.02.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 18.02.2003 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

<b>Käsitlusala:</b> This International Standard specifies a method for subjecting complete, filled transport packages and unit loads to conditions of low air pressure similar to those encountered in aircraft	<b>Scope:</b> This International Standard specifies a method for subjecting complete, filled transport packages and unit loads to conditions of low air pressure similar to those encountered in aircraft
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**ICS** 55.180.40

**Võtmesõnad:** complete and filled transport packag, definition, definitions, low pressure, low pressure tests, low-pressure tests, manometric method, mechanical testing, packages, packaging, packing, pressure chambers, shipping, testing, tests, transport packing, unit load devices

**English version**

Packaging

**Complete, filled transport packages and unit loads**

Low pressure test  
(ISO 2873 : 2000)

Emballages – Emballages d'expédition complets et pleins et charges unitaires – Essai à basse pression (ISO 2873 : 2000)

Verpackung – Versandfertige Packstücke und Ladeeinheiten – Unterdruckprüfung (ISO 2873 : 2000)

This European Standard was approved by CEN on 2002-08-26.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

**Management Centre: rue de Stassart 36, B-1050 Brussels**

## Foreword

International Standard

ISO 2873 : 2000 Packaging – Complete, filled transport packages and unit loads – Low pressure test, which was prepared by ISO/TC 122 'Packaging' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 261 'Packaging', the Secretariat of which is held by AFNOR, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by March 2003 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

## Endorsement notice

The text of the International Standard ISO 2873 : 2000 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

## Introduction

It is the responsibility of the user of this International Standard to establish appropriate health and safety practice in accordance with relevant legislation.

### 1 Scope

This International Standard specifies a method for subjecting complete, filled transport packages and unit loads to conditions of low air pressure similar to those encountered in aircraft.

This method is applicable to complete, filled transport packages and unit loads which are intended to be transported in pressurized aircraft flying at any altitude and in unpressurized aircraft flying at 3 500 m or less.

### 2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 2206, *Packaging — Complete, filled transport packages — Identification of parts when testing.*

ISO 2233, *Packaging — Complete, filled transport packages and unit loads — Conditioning for testing.*

### 3 Term and definition

For the purposes of this International Standard, the following term and definition applies.

#### 3.1

##### **test item**

a complete filled transport package or unit load

### 4 Principle

The test item is placed in a pressure chamber, and the pressure in the chamber reduced to that corresponding to an altitude of 3 500 m. This pressure is approximately equal to that in pressurized aircraft flying at any higher altitude. The pressure is then held for a predetermined period after which it is permitted to return to ambient pressure.

**NOTE** While the pressure is held for the predetermined period, the temperature may also be maintained to that corresponding to the same altitude (see annex A, Table A.1).