

Roll containers —

Part 2: General design and safety principles

The European Standard EN 12674-2:2001 has the status of a British Standard

ICS 55.180.10

National foreword

This British Standard is the official English language version of EN 12674-2:2001.

The UK participation in its preparation was entrusted by Technical Committee PKW/5, Primary and transport packaging, to Subcommittee PKW/5/38, Roll containers, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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This British Standard, having been prepared under the direction of the Consumer Products and Services Sector Policy and Strategy Committee, was published under the authority of the Standards Policy and Strategy Committee on 27 February 2002

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sicherheitstechnische Grundlagen

This European Standard was approved by CEN on 25 October 2001.

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.

This European Standard exists 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.

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 261 "Packaging", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2002, and conflicting national standards shall be withdrawn at the latest by June 2002.

This standard will be part of a series of four standards for roll containers, no existing document is being replaced, other parts will be entitled as follows:

Part 1 - Terminology;

Part 3 - Test methods;

Part 4 - Performance requirements.

Annex A is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

Roll containers are equipment intended for moving goods. They comprise apparatus fitted with fixed and/or swivel castors. The superstructure comprises two or more frames which provide retention for items requiring transportation and/or distribution.

Roll containers are primarily designed for manual handling but may be designed to be moved by pallet trucks that comply with ISO 509 "Pallet trucks - Principal dimensions". However, if alternative base facilities are integrated such roll containers may still meet all the requirements of this standard. The special implications and hazards posed by elevation and manipulation of roll containers by means of fork lift trucks is specifically excluded from this standard, such design features are a matter for the manufacturer and user.

Dollies are included in EN 12674 since dollies can be manufactured for side frame fitment and need to be able to withstand additional loading stresses arising from this. The end use of demountable roll containers and such dollies are so close as to benefit from common test methods.

The measurement of maximum starting force and continuous rolling resistance on a standard reference surface and also roll container manoeuvrability tests are specified in Part 3 of this standard.