

STN	Kontajnery na kolieskach. Časť 4: Požiadavky na výkon.	STN EN 12674-4 26 9359
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Roll containers - Part 4: Performance requirements

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/15

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Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy
rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

English Version

Roll containers - Part 4: Performance requirements

Conteneurs à roulettes - Partie 4: Exigences de performances

Rollbehälter - Teil 4: Leistungsanforderungen

This European Standard was approved by CEN on 5 March 2015.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN 12674-4:2015) 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of an identical text or by endorsement, at the latest by October 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12674-4:2006.

The only technical change since the latest edition concerns the following point:

- modifications in the wording of the second paragraph in 5.2.

This European Standard is part of a series of four standards for roll containers and dollies. The other parts are entitled as follows:

- *Roll containers – Part 1 – Terminology*
- *Roll containers – Part 2 – General design and safety principles*
- *Roll containers – Part 3 – Test methods*

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

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

Dollies and roll containers can be supplied in a variety of materials and additionally roll containers are supplied in four main styles. One of these styles, the Nesting style, is further sub-divided into five derived forms and the Demountable style is sub-divided into two derived forms. EN 12674-1 gives details of how these styles differ. EN 12674-2 gives methods of measuring working dimensions and aspects of design that manufacturers need to be aware of. Test methods are given in EN 12674-3 which are supported by performance levels in this Part 4, which take account of the normal static and dynamic loads applied in use.

This European Standard specifies minimum levels of performance for critical tests, in particular with reference to safety. Certain tests which are related only to longevity, quality control or need development are optional and if carried out may be subject to agreement between manufacturer and user. Tests are applied to fully assembled roll container and dolly specimens as indicated in Table 1. Dismantled or nested roll containers are not subjected to testing; however, empty dollies stacked ready for use, storage or transit need to be subjected to normative testing in order to determine a safe number of stacked units.

In order to calculate applied test loads a nominal safe working load (SWL) of 250 kg is assumed in this European Standard for every specimen. The value of 250 kg is not a normative level and may be reduced or increased by the testing body in collaboration with the specimen supplier/manufacturer. However, if different, the level used should be clearly stated in the test report.

1 Scope

This European Standard specifies appropriate tests and levels of performance for roll containers and dollies manufactured in all materials, assembled for use and stacked for storage when tested in accordance with EN 12674-3.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12674-1:1999, *Roll containers — Part 1: Terminology*

EN 12674-2:2001, *Roll containers — Part 2: General design and safety principles*

EN 12674-3:2004, *Roll containers — Part 3: Test methods*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN