Packaging - Flexible aluminium tubes - Test method to determine the porosity of the internal coating

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 15384:2007 sisaldab Euroopa standardi EN 15384:2007 ingliskeelset teksti.

Käesolev dokument on jõustatud 18.12.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 15384:2007 consists of the English text of the European standard EN 15384:2007.

This document is endorsed on 18.12.2007 with the notification being published in the official publication of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

Käsitlusala:

This standard is applicable for internally coated aluminium tubes, mainly used for the packing of pharmaceutical, cosmetic, hygiene, food or other household products. The internal coating is used as a barrier and should avoid any contact between aluminium and the product. This standard defines two alternative methods – copper sulphate and sodium chloride method – to detect the electrolyte conductivity as one criterion for the quality of the internal coating.

Scope:

This standard is applicable for internally coated aluminium tubes, mainly used for the packing of pharmaceutical, cosmetic, hygiene, food or other household products. The internal coating is used as a barrier and should avoid any contact between aluminium and the product. This standard defines two alternative methods – copper sulphate and sodium chloride method – to detect the electrolyte conductivity as one criterion for the quality of the internal coating.

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Võtmesõnad:

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English Version

Packaging - Flexible aluminium tubes - Test method to determine the porosity of the internal coating

Emballage - Tubes souples en aluminium - Méthode d'essai pour déterminer la porosité du revêtement intérieur

Packmittel - Aluminiumtuben - Prüfverfahren zur Bestimmung der Porosität der Innenbeschichtung

This European Standard was approved by CEN on 30 September 2007.

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 CEN 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 CEN Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 15384:2007) 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 May 2008, and conflicting national standards shall be withdrawn at the latest by May 2008.

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 standard is based on the professional recommendations of the European Tube Manufacturers Association (etma).

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Je, , Non Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.