

Ühekordselt kasutatavad meditsiinilised kindad. Osa 4: Säilivusaja määramise nõuded ja testimine

Medical gloves for single use - Part 4: Requirements and testing for shelf life determination

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 455-4:2009 sisaldab Euroopa standardi EN 455-4:2009 ingliskeelset teksti.

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English Version

Medical gloves for single use - Part 4: Requirements and testing
for shelf life determination

Gants médicaux non réutilisables - Partie 4: Exigences et
essais relatifs à la détermination de la durée de
conservation

Medizinische Handschuhe zum einmaligen Gebrauch - Teil
4: Anforderungen und Prüfung zur Bestimmung der
Mindesthaltbarkeit

This European Standard was approved by CEN on 20 June 2009.

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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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Foreword

This document (EN 455-4:2009) has been prepared by Technical Committee CEN/TC 205 "Non-active medical devices", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by January 2010, and conflicting national standards shall be withdrawn at the latest by January 2010.

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 part of EN 455 gives requirements and test methods for shelf life determination of medical gloves as part of a risk management process, in accordance with EN ISO 14971. EN 455 consists of the following parts under the general title "Medical gloves for single use":

- Part 1: Requirements and testing for freedom from holes
- Part 2: Requirements and testing for physical properties
- Part 3: Requirements and testing for biological evaluation
- Part 4: Requirements and testing for shelf life determination

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EC Directive 93/42/EEC.

For relationship with EC Directive 93/42/EEC, see informative Annex ZA, which is an integral part of this document.

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, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

Medical Gloves are intended to be a barrier to agents responsible for the transmission of infections. In order to help ensure effectiveness, it is essential that gloves fit the hand properly, are free from holes and have adequate physical strength so as not to fail during use. All these issues are addressed in the EN 455 series.

This European Standard covers the minimum properties that address certain essential requirements detailed in the Medical Devices Directive (93/42/EEC). Manufacturers are required to conduct stability tests to estimate the shelf life of any new or modified glove before the product is placed on the market and to initiate real time stability studies. The real time stability test can be considered as part of the manufacturers' requirement to conduct post-marketing surveillance on their products. These requirements are intended to ensure that manufacturers have adequate data to support shelf life claims before products are placed on the market and that these data are available for review by regulatory authorities.

1 Scope

This part of EN 455 specifies requirements for shelf life for medical gloves for single use. It also specifies the requirements for labelling and the disclosure of information relevant to the test methods used.

This European Standard applies to existing, new and significantly changed designs. Existing designs that do not currently have ageing data available should generate that data within a reasonable period of time.

This European Standard does not specify the size of a lot. Attention is drawn to the difficulties that can be associated with the distribution and control of very large lots. The recommended maximum individual lot size for production is 500 000.

2 Normative references

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

EN 455 (all parts), *Medical gloves for single use*

EN 1041, *Information supplied by the manufacturer of medical devices*

EN ISO 11607 (all parts), *Packaging for terminally sterilized medical devices*