

**Packaging - Flexible aluminium tubes -  
Internal lacquer film thickness  
measurement method**

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lacquer film thickness measurement method

## EESTI STANDARDI EESSÖNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 13048:2000 sisaldb Euroopa standardi EN 13048:2000 ingliskeelset teksti.	This Estonian standard EVS-EN 13048:2000 consists of the English text of the European standard EN 13048:2000.
Käesolev dokument on jõustatud 18.12.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 18.12.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kätesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

### Käsitlusala:

This standard describes a method for the determination of the thickness of the lacquer film applied inside cylindrical and conical aluminium tubes. The method is a reference. It can also be used as a reference when calibrating other electronic instruments suitable for determining coating weight thickness by e.g., capacitance measurement by Eddy current. It is applicable to aluminium tubes used for packing pharmaceutical, cosmetic, hygiene, food and other domestic products.

### Scope:

This standard describes a method for the determination of the thickness of the lacquer film applied inside cylindrical and conical aluminium tubes. The method is a reference. It can also be used as a reference when calibrating other electronic instruments suitable for determining coating weight thickness by e.g., capacitance measurement by Eddy current. It is applicable to aluminium tubes used for packing pharmaceutical, cosmetic, hygiene, food and other domestic products.

**ICS 55.120**

### Võtmesõnad:

**EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM**

**EN 13048**

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ICS 55.120

**English version**

Packaging  
**Flexible aluminium tubes**

Internal lacquer film thickness measurement method

Emballage – Tubes souples en  
aluminium – Méthode de détermina-  
tion de l'épaisseur de vernis intérieur

Packmittel – Aluminiumtuben –  
Verfahren zur Bestimmung der Dicke  
des Innenschutzlackes

This European Standard was approved by CEN on 2000-06-15.

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 Central Secretariat 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 Central Secretariat 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, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

**CEN**

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

**Central Secretariat: rue de Stassart 36, B-1050 Brussels**

## Contents

	Page
<b>Foreword.....</b>	<b>2</b>
1 <b>Scope .....</b>	3
2 <b>Normative references .....</b>	3
3 <b>Terms and definitions .....</b>	3
4 <b>Principle.....</b>	3
5 <b>Apparatus .....</b>	3
5.1 <b>Test measuring and other equipment .....</b>	3
5.2 <b>Chemical agents.....</b>	4
6 <b>Method .....</b>	4
6.1 <b>Preliminary precautions.....</b>	4
6.2 <b>Preparation of samples.....</b>	4
6.3 <b>Measurement procedure.....</b>	4
7 <b>Test report .....</b>	5

## 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 January 2001, and conflicting national standards shall be withdrawn at the latest by January 2001.

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.

It is based on the professional recommendations of the European Tube Association (ETA).