

**Toiduainetega kokkupuutuvad materjalid ja
tooted. Söögiriistad ja õõneslauanõud. Osa
2: Roostevabast terasest ja hõbetatud
söögiriistadele esitatavad nõuded**

Materials and articles in contact with foodstuffs -
Cutlery and table holloware - Part 2: Requirements
for stainless steel and silver-plated cutlery

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 8442-2:2000 sisaldab Euroopa standardi EN ISO 8442-2:1997 + AC:1999 + AC:2006 ingliskeelset teksti. Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN ISO 8442-2:2000 consists of the English text of the European standard EN ISO 8442-2:1997 + AC:1999 + AC:2006. This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: Standardi käesolev osa määrab kindlaks materjali- ja kasutusnõuded ning teimimismeetodid söögiriistadele (noad, kahvlid, lusikad, lõikekomplektid, kulbid, laste söögiriistad ja teised serveerimisvahendid). Käesolev standard on rakendatav roostevabast terasest söögiriistadele ja hõbetatud uushõbedast või hõbetatud roostevabast terasest söögiriistadele. See ei hõlma söögiriistu, mis on valmistatud täielikult väärismetallist, alumiiniumist, mitteroostevabast terasest või täielikult uushõbedast ega hõlma ka kullatud ega kroomitud söögiriistu. Hõbetatud söögiriistade jaoks on määratud kindlaks kolm minimaalset hõbedakihi paksust.	Scope:
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ICS 67.250, 97.040.60

Võtmesõnad: hõbetamine, kasutusomadused, kasutusomaduste teimid, lamedad lauanõud, lauanõud, markeerimine, materjalide tehnilised andmed, roostevabad terased, sildistamine, söögiriistad, tehnilised andmed, teimimine

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Descriptors: Cutlery, table holloware, stainless steel, silver-plated.

English version

Materials and articles in contact with foodstuffs

Cutlery and table holloware

Part 2: Requirements for stainless steel and silver-plated cutlery
(ISO 8442-2 : 1997)

Matériaux et objets en contact avec
les denrées alimentaires – Coutellerie
et orfèvrerie de table – Partie 2:
Exigences relatives à la coutellerie et
aux couverts en acier inoxydable et
en métal argenté (ISO 8442-2 : 1997)

Werkstoffe und Gegenstände in
Kontakt mit Lebensmitteln – Schneid-
waren und Tafelgeräte – Teil 2:
Anforderungen für versilberte und
nichtrostende Eßbestecke
(ISO 8442-2 : 1997)

This European Standard was approved by CEN on 1997-10-11.

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

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Foreword

The text of EN ISO 8442-2:1997 has been prepared by Technical Committee CEN/TC 194 "Utensils in contact with food", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 186 "Cutlery and table and decorative metal hollow-ware".

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 1998, and conflicting national standards shall be withdrawn at the latest by June 1998.

EN ISO 8442 consists of the following parts:

- Part 1: Requirements for cutlery for the preparation of food
- Part 2: Requirements for stainless steel and silver-plated cutlery
- Part 3: Requirements for silver-plated and decorative holloware
- Part 4: Requirements for gold-plated cutlery

Further parts are proposed with the following titles

- Part 5: Specific cutting test
- Part 6: Lacquered lightly silver-plated table and decorative holloware
- Part 7: Specification for table cutlery made of precious metals and their alloys, especially silver cutlery
- Part 8: Specification for silver table and decorative holloware

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

This Standard, based on ISO 8442, is concerned with performance and does not include requirements for design, size, type of finish, blade flexibility, or similar characteristics which are matters of personal choice or which can be readily assessed by the purchaser at the point of sale. In this Standard the thickness of silver deposit is stipulated for each and every item, in contrast to traditional methods which relate to an average of 12 or 24 items, amongst which some items can have a significantly lower thickness of silver coating.

Attention is drawn to Directives of the European Community concerning materials and articles in contact with food, in particular to Directives EC 89/109 and EC 90/128.

1 Scope

This part of this Standard specifies material, performance requirements and test methods for table cutlery (knives, forks, spoons, carving sets, ladles, children's cutlery and other serving pieces).

This Standard is applicable to stainless steel cutlery and to silver-plated nickel silver, or silver-plated stainless steel, cutlery. It does not cover cutlery made wholly of precious metals, aluminium, non-stainless steel or that made entirely of nickel silver, nor does it cover gold-plated or chromium-plated cutlery.

Three minimum thicknesses of silver are specified for silver-plated cutlery.

2 Normative references

This Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

ISO 1463	Metallic and oxide coatings - Measurement of coating thickness - Microscopical method
ISO 2177	Metallic coatings - Measurement of coating thickness - Coulometric method by anodic dissolution
ISO 3497	Metallic coatings - Measurement of coating thickness - X-ray spectrometric methods
ISO 3543	Metallic and non-metallic coatings - Measurement of thickness - Beta backscatter method
ISO 4481 : 1977	Cutlery and flatware - Nomenclature
ISO 6508 : 1986	Metallic materials - Hardness test - Rockwell test (scales A - B - C - D - E - F - G - H - K)

3 Definitions

For the purposes of this Standard the definitions given in ISO 4481:1977 apply together with the following.

3.1 items of frequent use: Pieces of cutlery regularly used at the dining table. They are listed in ISO 4481 : 1977 as: coffee or teaspoon, soup spoon, dessert spoon, menu spoon, table spoon, dessert fork, menu fork, fish eating fork, table fork, dessert knife, menu knife, fish eating knife, table knife.

3.2 items of infrequent use: Pieces of cutlery which are occasionally used at the dining table. These items are defined in ISO 4481 : 1977 and exclude those listed in 3.1.

3.3 significant surfaces: Parts of cutlery in contact with a flat horizontal surface upon which they are laid; for spoons, forks and ladles this will be the convex face, i.e. their bowls or fork prongs are uppermost; for knives both sides are regarded as having significant surfaces.