



**SLOVENSKI STANDARD
SIST EN ISO 9455-10:2001**

01-maj-2001

Soft soldering fluxes - Test methods - Part 10: Flux efficacy test, solder spread method
(ISO 9455-10:1998)

Flumittel zum Weichlten - Prfverfahren - Teil 10: Bestimmung der Wirksamkeit des
Flumittels, Ausbreitungsprfung (ISO 9455-10:1998)

Flux de brasage tendre - Mthodes d'essai - Partie 10: Essais d'efficacit du flux,
mthode d'talement (ISO 9455-10:1998)

Ta slovenski standard je istoveten z: EN ISO 9455-10:2000

ICS:

25.160.50 Trdo in mehko lotanje Brazing and soldering

SIST EN ISO 9455-10:2001 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 9455-10

April 2000

ICS 25.160.50

English version

Soft soldering fluxes - Test methods - Part 10: Flux efficacy test,
solder spread method (ISO 9455-10:1998)

Flux de brasage tendre - Méthodes d'essai - Partie 10:
Essais d'efficacité du flux, méthode d'étalement (ISO 9455-
10:1998)

Flußmittel zum Weichlöten - Prüfverfahren - Teil 10:
Bestimmung der Wirksamkeit des Flußmittels,
Ausbreitungsprüfung (ISO 9455-10:1998)

This European Standard was approved by CEN on 10 March 2000.

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.

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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

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

Foreword

The text of the International Standard from Technical Committee ISO/TC 44 "Welding and allied processes" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 121 "Welding", the secretariat of which is held by DS.

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 2000, and conflicting national standards shall be withdrawn at the latest by October 2000.

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.

Endorsement notice

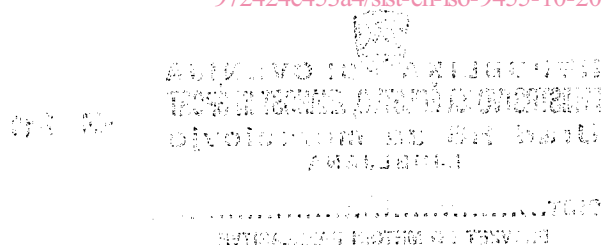
The text of the International Standard ISO 9454-10:1998 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European 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 European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 9453	1990	Soft soldering fluxes - Chemical compositions and forms	EN 29453	1993
ISO 9454-1	1990	Soft soldering fluxes - Classification and requirements - Part 1: Classification, labelling and packaging	EN 29454-1	1993

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INTERNATIONAL
STANDARD

ISO
9455-10

First edition
1998-08-01

Soft soldering fluxes — Test methods —

Part 10:

Flux efficacy tests, solder spread method

Flux de brasage tendre — Méthodes d'essai —

Partie 10: Essais d'efficacité du flux, méthode d'étalement

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Reference number
ISO 9455-10:1998(E)

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9455-10 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, subcommittee SC 12, *Soldering and brazing materials*.

ISO 9455 consists of the following parts, under the general title *Soft soldering fluxes — Test methods*:

- Part 1: Determination of non-volatile matter, gravimetric method
- Part 2: Determination of non-volatile matter, ebulliometric method
- Part 3: Determination of acid value, potentiometric and visual titration methods
- Part 5: Copper mirror test
- Part 6: Determination and detection of halide (excluding fluoride) content
- Part 8: Determination of zinc content
- Part 9: Determination of ammonia content
- Part 10: Flux efficacy tests, solder spread method
- Part 11: Solubility of flux residues
- Part 12: Steel tube corrosion test
- Part 13: Determination of flux spattering
- Part 14: Assessment of tackiness of flux residues
- Part 15: Copper corrosion test
- Part 16: Flux efficacy tests, wetting balance method
- Part 17: Surface insulation resistance, comb test and electrochemical migration test of flux residues

Annexes A to C of this part of ISO 9455 are for information only.