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Welding consumables - Technical delivery conditions for filler materials and fluxes - Type of product, dimensions, tolerances and markings (ISO 544:2024)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/24

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EUROPEAN STANDARD

EN ISO 544

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EUROPÄISCHE NORM

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English Version

Welding consumables - Technical delivery conditions for filler materials and fluxes - Type of product, dimensions, tolerances and markings (ISO 544:2024)

Produits consommables pour le soudage - Conditions techniques de livraison des produits d'apport et des flux - Type de produits, dimensions, tolérances et marquage (ISO 544:2024)

Schweißzusätze - Technische Lieferbedingungen für Schweißzusätze und Pulver - Art des Produktes, Maße, Grenzabmaße und Kennzeichnung (ISO 544:2024)

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EN ISO 544:2024 (E)

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 544:2024) has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" in collaboration with Technical Committee CEN/TC 121 "Welding and allied processes" 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of an identical text or by endorsement, at the latest by March 2025, and conflicting national standards shall be withdrawn at the latest by March 2025.

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Endorsement notice

The text of ISO 544:2024 has been approved by CEN as EN ISO 544:2024 without any modification.



International Standard

ISO 544

Welding consumables — Technical delivery conditions for filler materials and fluxes — Type of product, dimensions, tolerances and markings

*Produits consommables pour le soudage — Conditions techniques
de livraison des produits d'apport et des flux — Type de produits,
dimensions, tolérances et marquage*

**Sixth edition
2024-09**

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ISO 544:2024(en)**Contents**

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Product type and welding process	1
5 Dimensions and tolerances	1
5.1 Solid wires and solid wire electrodes, tubular cored wires and tubular cored electrodes, solid and tubular cored rods and covered electrodes.....	1
5.2 Solid strip electrodes.....	2
5.3 Cored strip electrodes and thin foils.....	2
5.4 Fluxes.....	4
6 Rounding procedure	4
7 Condition of welding consumables	4
7.1 Covered electrodes.....	4
7.2 Wires, rods, and strips.....	4
8 Marking	8
8.1 Marking on the product.....	8
8.1.1 Covered electrodes.....	8
8.1.2 Wires and strips.....	8
8.1.3 Rods.....	8
8.2 Marking on the package.....	8
9 Packaging	9
10 Inspection documents	9
Bibliography	10

ISO 544:2024(en)

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 3, *Welding consumables*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding and allied processes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This sixth edition cancels and replaces the fifth edition (ISO 544:2017), which has been technically revised.

The main changes compared to the previous edition are as follows:

- in [7.2](#), text has been added regarding delivery in larger packages;
- in [Figure 1](#), NOTE has been revised;
- [Clause 8](#) has been revised.

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Welding consumables — Technical delivery conditions for filler materials and fluxes — Type of product, dimensions, tolerances and markings

1 Scope

This document specifies technical delivery conditions for filler materials and fluxes for fusion welding.

This document does not apply to other auxiliary materials such as shielding gases.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

ISO 14174, *Welding consumables — Fluxes for submerged arc welding and electroslag welding — Classification*

ISO 14344, *Welding consumables — Procurement of filler materials and fluxes*

ISO 80000-1:2022, *Quantities and units — Part 1: General*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN