

STN	Letectvo a kozmonautika Prvky elektrických a optických spojení Skúšobné metódy Časť 508: Meranie hrúbky povlaku na kontaktoch	STN EN 2591-508 31 1810
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Aerospace series - Elements of electrical and optical connection - Test methods - Part 508: Measurement of thickness of coating on contacts

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. 12/23

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English Version

Aerospace series - Elements of electrical and optical connection - Test methods - Part 508: Measurement of thickness of coating on contacts

Série aérospatiale - Organes de connexion électrique et optique - Méthodes d'essais - Partie 508 : Mesure de l'épaisseur du revêtement des contacts

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Prüfverfahren - Teil 508: Messung der Schutzschichtdicke

This European Standard was approved by CEN on 16 July 2023.

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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-CENELEC Management Centre has the same status as the official versions.

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

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EN 2591-508:2023 (E)

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European foreword

This document (EN 2591-508:2023) has been prepared by the Aerospace and Defence Industries Association of Europe — Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

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of an identical text or by endorsement, at the latest by March 2024, and conflicting national standards shall be withdrawn at the latest by March 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 2591-508:2001.

The main changes with respect to the previous edition are listed in Table 1.

Table 1 — Main changes to previous edition

prEN/EN Number	Edition	Publication Date	Modification
EN 2591-508	1	2001	Update of normative references and associated text: ISO 4524-1 was replaced by ISO 27874.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 2591-508:2023 (E)**1 Scope**

This document specifies methods of measuring thickness of electro-deposited gold or gold alloys coatings on contacts of elements of connection.

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.

EN 2591-100, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 100: General*

EN 3155-001, *Aerospace series — Electrical contacts used in elements of connection — Part 001: Technical Specification*

EN ISO 27874:2008, *Metallic and other inorganic coatings — Electrodeposited gold and gold alloy coatings for electrical, electronic and engineering purposes — Specification and test methods (ISO 27874:2008)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN