

Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 1: General principles

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 10244-1:2001 sisaldab Euroopa standardi EN 10244-1:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.11.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 10244-1:2001 consists of the English text of the European standard EN 10244-1:2001.</p> <p>This document is endorsed on 16.11.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This part of this European standard specifies the requirements for mass, other properties and testing of non-ferrous metal coatings on steel wire products of circular or other cross-section.</p>	<p>Scope: This part of this European standard specifies the requirements for mass, other properties and testing of non-ferrous metal coatings on steel wire products of circular or other cross-section.</p>
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Võtmesõnad: coatings, corrosion protection, definitions, mass, metals, non ferrous alloys, non-ferrous metals, products, quality, quality requirements, specification (approval), specifications, steel wires, testing, wires

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English version

Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 1: General principles

Fils et produits tréfilés en acier - Revêtements métalliques non ferreux sur fils d'acier - Partie 1: Principes généraux

Stahldraht und Drahterzeugnisse - Überzüge aus Nichteisenmetall auf Stahldraht - Teil 1: Allgemeine Regeln

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

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Foreword

This European Standard has been prepared by Technical Committee ECISS/TC 30 "Steel wires", the secretariat of which is held by BSI.

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

This European Standard for non-ferrous metallic coating on steel wire is made up of the following parts:

Part 1 : General principles

Part 2 : Zinc and zinc alloy coatings

Part 3 : Aluminium coatings

Part 4 : Tin coatings

Part 5 : Nickel coatings

Part 6 : Copper, bronze and brass coatings

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.

1 Scope

This part of this European standard specifies the requirements for the mass, other properties and testing of non-ferrous metal coatings on steel wire and steel wire products of circular or other cross-section.

This European standard deals with requirements of general application and is of use for those coatings for which no particular requirements have been laid down in the following parts (2 to 6). Deviations are possible, particularly if required for well-defined products. In such cases, appropriate requirements shall be part of the relevant product standard.

2 Normative reference

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 (including amendments).

EN 10021, *General technical delivery requirements for steel and iron products*

EN 10218-1, *Steel wire and wire products — General — Part 1: Test methods*

3 Term and definition

For the purposes of this European standard the following term and definition apply.

3.1

wire with non-ferrous metallic coating

wire to which a non-ferrous metallic coating has been applied. Depending on the metal, the coating may be obtained by dipping in a bath of molten metal, by conversion using a bath of metallic salts in solution, by extrusion, by cladding, by electroplating using an electrolytic solution or by other methods

4 Requirements relating to coating

4.1 Requirements for the specific type of metal and alloy

The type, quality and grade of coating metal or alloy shall be stated at the time of enquiry and order.

4.2 Coating mass

The coating mass shall be explicitly specified, preferably by reference to the appropriate product standard. If not the appropriate part of this standard shall apply.