



BSI Standards Publication

## Magnetic materials

---

Part 11: Methods of measurement of the surface insulation resistance of electrical steel strip and sheet

## National foreword

This British Standard is the UK implementation of EN IEC 60404-11:2021. It is identical to IEC 60404-11:2021. It supersedes BS EN 60404-11:2013, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ISE/108, Magnetic Alloys and Steels.

A list of organizations represented on this committee can be obtained on request to its committee manager.

### Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2021  
Published by BSI Standards Limited 2021

ISBN 978 0 580 52050 1

ICS 17.220.01; 29.030

### Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 September 2021.

### Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

---

EUROPEAN STANDARD

**EN IEC 60404-11**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2021

ICS 29.030; 17.220.01

Supersedes EN 60404-11:2013 and all of its  
amendments and corrigenda (if any)

English Version

**Magnetic materials - Part 11: Methods of measurement of the  
surface insulation resistance of electrical steel strip and sheet  
(IEC 60404-11:2021)**

Matériaux magnétiques - Partie 11: Méthodes de mesurage  
de la résistance d'isolement superficiel des bandes et tôles  
en acier électrique  
(IEC 60404-11:2021)

Magnetische Werkstoffe - Teil 11: Methoden zur Messung  
des Oberflächenisolationswiderstands von  
Elektrostahlbändern und -blechen  
(IEC 60404-11:2021)

This European Standard was approved by CENELEC on 2021-08-12. CENELEC 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 CEN-CENELEC Management Centre or to any CENELEC 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 CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**