



**NSAI**  
Standards

Irish Standard  
I.S. EN 6059-402:2019

Aerospace Series - Electrical cables,  
installation - Protection sleeves - Test  
methods - Part 402: Bending properties

**I.S. EN 6059-402:2019**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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## National Foreword

I.S. EN 6059-402:2019 is the adopted Irish version of the European Document EN 6059-402:2019, Aerospace Series - Electrical cables, installation - Protection sleeves - Test methods - Part 402: Bending properties

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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EUROPEAN STANDARD

**EN 6059-402**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2019

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ICS 49.060

English Version

**Aerospace Series - Electrical cables, installation -  
Protection sleeves - Test methods - Part 402: Bending  
properties**

Série aérospatiale - Câbles électriques, installation -  
Gaines de protection - Méthodes d'essais - Partie 402 :  
Aptitude à la flexion

Luft- und Raumfahrt - Elektrische Leitungen,  
Installation - Schutzschläuche - Prüfverfahren - Teil  
402: Biegeeigenschaften

This European Standard was approved by CEN on 14 October 2018.

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

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



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## **European foreword**

This document (EN 6059-402:2019) 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 Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, 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 September 2019, and conflicting national standards shall be withdrawn at the latest by September 2019.

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.

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## **EN 6059-402:2019 (E)**

### **1 Scope**

This European Standard specifies a method to determine the bending properties of protection sleeve for electrical cable and cable bundles. It shall be used together with EN 6059-100.

### **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 6059-100, *Aerospace series — Electrical cables, installation — Protection sleeves — Test methods — Part 100: General*

### **3 Terms and definitions**

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

### **4 Preparation of specimens**

A specimen with a minimum length of 600 mm is taken from a finished sleeve.



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