



NSAI
Standards

Irish Standard
I.S. EN 4708-001:2014

Aerospace series - Sleeving, heat-shrinkable, for binding, insulation and identification - Part 001: Technical specification

I.S. EN 4708-001:2014

Incorporating amendments/corrigenda/National Annexes issued since publication:

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**Aerospace series - Sleeving, heat-shrinkable, for binding,
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Série aérospatiale - Manchons thermorétractables, de
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Technische Lieferbedingungen

This European Standard was approved by CEN on 27 December 2013.

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.

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Foreword

This document (EN 4708-001:2014) 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of an identical text or by endorsement, at the latest by October 2014, and conflicting national standards shall be withdrawn at the latest by October 2014.

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

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EN 4708-001:2014 (E)**1 Scope**

This European Standard specifies the required characteristics, test methods, qualification and production routine testing of heat shrinkable sleeving for binding, insulation and identification.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 3475-100, *Aerospace series - Cables, electrical, aircraft use - Test methods - Part 100: General*

EN 9133, *Aerospace series - Quality management systems - Qualification procedure for aerospace standard parts*

EN ISO 846, *Plastics - Evaluation of the action of microorganisms (ISO 846)*

EN ISO 4892-2, *Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps (ISO 4892-2)*

IEC 60304¹⁾, *Standard colours for insulation for low-frequency cables and wires*

IEC 60684-2, *Flexible insulating sleeving — Part 2: Methods of test* ¹⁾

3 Definitions and symbols

For the purposes of this document, the definitions and symbols given in EN 3475-100 apply.

4 Materials and characteristics**4.1 General**

Sleeving shall be made from materials that ensure the finished sleeveings conform to the product standard.

4.2 Material types

See product standards.

4.3 Finish

The sleeving, both before and after unrestricted shrinkage, shall be free from bubbles, pinholes, creases and other defects that may affect performance.

4.4 Dimensions

See product standard.

¹⁾ Published by: IEC International Electrotechnical Commission. <http://www.iec.ch/>

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