
Aeronavtika - Toplotno skrčljiva cev za utrjevanje, izolacijo in identifikacijo - 002.
del: Seznam standardov za proizvod

Aerospace series - Sleeving, heat-shrinkable, for binding, insulation and identification - Part 002: Index of Product standards

Luft- und Raumfahrt - Wärmeschrumpfender Schlauch zur Befestigung, Isolierung und Identifizierung - Teil 002: Übersicht über die Produktnormen

Série aérospatiale - Manchons thermo rétractables, de jonction, isolement et identification - Partie 002 : Liste des normes de produit

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Ta slovenski standard je istoveten z: prEN 4708-002

ICS:

49.025.40	Guma in polimerni materiali	Rubber and plastics
49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems

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EUROPEAN STANDARD
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This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee ASD-STAN.

If this draft becomes a European Standard, 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (prEN 4708-002:2021) 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 document is currently submitted to the CEN Enquiry.

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prEN 4708-002:2021 (E)**1 Scope**

This document lists the product standards, covered by technical specification EN 4708-001, for heat shrinkable sleeves.

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 4708-101, *Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 101: Polyolefin sleeving — Operating temperatures -55 °C to 135 °C — Product standard*

EN 4708-102, *Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 102: Very flexible polymer — Operating temperature ≤ 75 °C to 150 °C — Product standard*

EN 4708-103, *Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 103: Fluoroelastomer sleeves — Operating temperature -55 °C to 200 °C — Product standard*

EN 4708-104, *Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 104: Semirigid polyvinylidene fluoride (PDVF) — Operating temperature -55 °C to 175 °C — Product Standard*

EN 4708-105, *Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 105: Semi-flexible polyvinylidene fluoride (PVDF) — Temperature range - 55 °C to 150 °C — Product standard*

EN 4708-106, *Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 106: Limited fire hazard sleeving — Operating temperature - 30 °C to 105 °C — Product standard*

EN 4708-107, *Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 107: Polytetrafluorethylene (PTFE) — Operating temperatures -65 °C to 260 °C — Product standard*

EN 4708-108, *Aerospace series — Aerospace series — Sleeving, heat shrinkable, for binding, insulation and identification — Part 108: Limited fire hazard sleeving — Operating temperatures -65 °C to 150 °C — Product standard*

EN 4708-201, *Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 201: Polyolefin identification sleeves — Operating Temperature range -55°C to 135°C — Product Standard¹*

EN 4708-202, *Aerospace series — Heat- shrinkable Fuel Resistant identification sleeves¹*

EN 4708-203, *Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 203: polyvinylidene fluoride (PVDF) Identification sleeves — Operating Temperature range -55 °C to 225°C — Product Standard¹*

EN 4708-204, *Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 204: Limited fire hazard identification sleeves — Operating Temperature range -40 °C to 105 °C — Product Standard¹*

¹ This draft is in preparation.

EN 4708-301, *Aerospace series, Sleeving, heat-shrinkable, for binding, insulation and identification — Part 301: Adhesive lined polyolefin sleeveings — Operating temperature -55 °C to 105 °C — Product Standard*

3 Terms and definitions

No terms and definitions are listed in this document.

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

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

4 Index of product standards

Table 1 lists the product standards.

Series 100: Heat Shrinkable sleeves.

Series 200: Heat Shrinkable identification sleeves.

Series 300: Heat Shrinkable adhesive lined sleeves.

Table 1

EN 4708-product standard	Description of product standard
Heat shrinkable sleeves	
101	<p>Heat-shrinkable polyolefin sleeves Temperature range -55 to 135 °C Type A: Very flexible, flame retarded, shrink ratio 2:1 This sleeving has very good flexibility, is flame retarded and will shrink at low temperatures. It is suitable where sensitive components and delicate wiring need protection from excessive heat during shrinking Type B: Flexible, flame retarded, shrink ratio 2:1, 3:1 and 4:1 This sleeving is flexible and flame retarded. It is suitable for general purposes and is available with high shrink ratios Type C: Flexible, not flame retarded, shrink ratio 2:1 and 3:1 This sleeving is flexible and not flame retarded and is available in two shrink ratios Type D: Semi-rigid, flame retarded, shrink ratio 2:1 This sleeving is semi-rigid and flame retarded. It is suitable where strain relief and mechanical support are required</p>
102	<p>Heat-shrinkable Very flexible/flexible polymers sleeves Temperature range -55 to 150 °C This sleeving has very good flexibility, is flame retarded and has a thick wall for mechanical protection. It is suitable for use as cable protection in areas where wiring is subject to contamination by aircraft fuels and hydraulic fluids</p>