

Letectvo a kozmonautika Teplom zmraštiteľné rúrky na viazanie, izoláciu a identifikáciu

Časť 102: Vysoko flexibilný polymér pre prevádzkové teploty od - 75 °C do 150 °C Norma na výrobok STN EN 4708-102

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

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

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English Version

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

Série aérospatiale - Manchons thermorétractables, de jonction, isolement et identification - Partie 102 : Polymère très flexible - Températures d'utilisation - 75 °C à 150 °C - Norme de produit

Luft- und Raumfahrt - Wärmeschrumpfender Schlauch zur Befestigung, Isolierung und Identifizierung - Teil 102: Hochflexibles Polymer - Temperaturbereich - 75 °C und 150 °C - Produktnorm

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 4708-102:2018 (E)

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European foreword

This document (EN 4708-102:2018) 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of an identical text or by endorsement, at the latest by April 2019, and conflicting national standards shall be withdrawn at the latest by April 2019.

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EN 4708-102:2018 (E)

1 Scope

This European Standard specifies the required characteristics for a heat-shrinkable, very flexible polymer sleeving for use in aircraft electrical systems at operating temperatures between $-75\,^{\circ}\text{C}$ to $150\,^{\circ}\text{C}$. 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.

These sleevings are normally supplied with internal diameters up to 102 mm for shrink ratios of 2:1. They are available in black only.

Sizes other than those specifically listed in this standard may be available. These items shall be considered to comply with this standard if they comply with the property requirements listed in Tables 2, 3 and 4 except for dimensions and mass.

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 3909, Aerospace series — Test fluids and test methods for electrical and optical components and sub-assemblies

EN 4708-001, Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 001: Technical specification

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

IEC 60684-1, Flexible insulating sleeving — Part 1: Definitions and general requirements 1)

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

IEC 60757, Code for designation of colours 1)

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

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