ICS 49.060 SLOVENSKÁ TECHNICKÁ NORMA Apríl 2020

STN	**Letectvo a kozmonautika Teplom zmraštiteľné rúrky na viazanie, izoláciu a identifikáciu Časť 107: Polytetrafluóretylén (PTFE) pre prevádzkové teploty od -65 °C do 260 °C Norma na výrobok**	**STN EN 4708-107** 31 1857

Aerospace series - Sleeving, heat-shrinkable, for binding, insulation and identification - Part 107: Polytetrafluoroethylene (PTFE) - Operating temperatures - 65 C to 260 C - Product standard

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/20

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EUROPEAN STANDARD

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English Version

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

Série aérospatiale - Manchons thermorétractables, de jonction, isolement et identification - Partie 107 : Polytétrafluoroéthylène (PTFE) - Températures d'utilisation - 65 °C à 260 °C - Norme de produit

Luft- und Raumfahrt - Wärmeschrumpfender Schlauch zur Befestigung, Isolierung und Identifizierung - Teil 107: Polytetrafluorethylen (PTFE) - Temperaturbereich -65 °C bis 260 °C - Produktnorm

This European Standard was approved by CEN on 14 July 2019.

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

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

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European foreword

This document (EN 4708-107:2019) 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of an identical text or by endorsement, at the latest by March 2020, and conflicting national standards shall be withdrawn at the latest by March 2020.

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1 Scope

This document specifies the required characteristics for a heat-shrinkable, polytetrafluoroethylene sleeving for use in aircraft electrical systems at operating temperatures between – 65 °C and 260 °C. This sleeving is basically translucent. It is semi-rigid, and suitable for use where resistance to chemicals and high temperature performance are required. It is flame resistant and available in low and high shrink ratios.

Type A Low Shrink Ratio

Type B High Shrink Ratio

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*[1)]

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

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

ISO 1817, *Rubber, vulcanized or thermoplastic — Determination of the effect of liquids*

IEC 60757, *Code for designation of colours* [2)]

MIL-PRF-87937, *Performance specification: Cleaning compound, aerospace equipment* [3)]

AMS 1476, *Deodorant, aircraft toilet* [4)]

1) Published as ASD-STAN Prestandard at the date of publication of this standard by AeroSpace and Defence industries Association of Europe - Standardization (ASD-STAN), http://www.asd-stan.org/

2) Published by: IEC International Electrotechnical Commission, http://www.iec.ch

3) Published by: Department of Defense (DoD), http://www.defenselink.mil/

4) Published by: SAE National (US) Society of Automotive Engineers, http://www.sae.org/