

STN	Letectvo a kozmonautika Inštalácia elektrických káblov Ochranné manžety Skúšobné metódy Časť 303: Odolnosť proti kvapalinám	STN EN 6059-303 31 1832
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Aerospace series - Electrical cables, installation - Protection sleeves - Test methods - Part 303: Resistance to fluids

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. 02/18

Obsahuje: EN 6059-303:2017

126308

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2018
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 6059-303

November 2017

ICS 49.060

English Version

**Aerospace series - Electrical cables, installation -
Protection sleeves - Test methods - Part 303: Resistance to
fluids**

Série aérospatiale - Câbles électriques, installation -
Gaines de protection - Méthodes d'essais - Partie 303 :
Résistance aux fluides

Luft- und Raumfahrt - Elektrische Leitungen,
Installation - Schutzschläuche - Prüfverfahren - Teil
303: Beständigkeit gegen Flüssigkeiten

This European Standard was approved by CEN on 28 August 2017.

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

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European foreword

This document (EN 6059-303:2017) 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 European 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 May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

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According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: 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 the United Kingdom.

1 Scope

This European Standard specifies a method for determining the fluid resistance of protection sleeves for electrical cable and cable bundles for aerospace application.

It shall be used together with EN 6059-100.

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

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

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

ISO 11075, *Aircraft — De-icing/anti-icing fluids — ISO type I*

ISO 11078, *Aircraft — De-icing/anti-icing fluids — ISO types II, III and IV*

AS 1241C, *Fire Resistant Phosphate Ester Hydraulic Fluid for Aircraft* ¹⁾

AMS 1424, *Deicing/Anti-Icing Fluid, Aircraft, SAE Type I* ¹⁾

AMS 1428H, *Fluid, Aircraft Deicing/Anti-Icing, Non-Newtonian (Pseudoplastic), SAE Types II, III, and IV* ¹⁾

AMS 1476C, *Deodorant, Aircraft Toilet* ¹⁾

ASTM D 740, *Standard Specification for Methyl Ethyl Ketone* ¹⁾

MIL-A-8243D, *Anti-icing and de-icing-defrosting fluids* ²⁾

MIL-PRF-7870C, *Lubricating oil, general purpose, low temperature* ²⁾

MIL-PRF-23699F, *Lubricating oil, aircraft turbine engine, synthetic base, NATO code number O-156* ²⁾

MIL-PRF-87937D, *Cleaning compound, aerospace equipment* ²⁾

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1) Published by: SAE National (US) Society of Automotive Engineers. (<http://www.sae.org/>)

2) Published by: DoD National (US) Mil. Department of Defense. (<http://www.defenselink.mil/>)