



NSAI
Standards

Irish Standard
I.S. EN 6049-001:2015

Aerospace series - Electrical cables,
installation - Protection sleeve in meta-
aramid fibres - Part 001: Technical
specification

I.S. EN 6049-001:2015

Incorporating amendments/corrigenda/National Annexes issued since publication:

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Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 001: Technical specification

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Luft- und Raumfahrt - Elektrische Leitungen, Installation - Schutzschläuche aus Meta-Aramidfasern - Teil 001: Technische Lieferbedingungen

This European Standard was approved by CEN on 28 June 2014.

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Foreword

This document (EN 6049-001:2015) 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of an identical text or by endorsement, at the latest by November 2015, and conflicting national standards shall be withdrawn at the latest by November 2015.

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EN 6049-001:2015 (E)

1 Scope

This European Standard specifies the general characteristics, qualification and acceptance requirements for protection sleeves in meta-aramid fibres for cable and cable bundles for aerospace application.

2 Normative references

The following referenced documents are indispensable for the application 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 2591-214, *Aerospace series - Elements of electrical and optical connection - Test methods - Part 214: Lightning strike, current and voltage pulse*

EN 2591-307, *Aerospace series - Elements of electrical and optical connection - Test methods - Part 307: Salt mist*

EN 2825, *Aerospace series - Burning behaviour of non metallic materials under the influence of radiating heat and flames - Determination of smoke density*

EN 2826, *Aerospace series - Burning behaviour of non metallic materials under the influence of radiating heat and flames - Determination of gas components in the smoke*

EN 3197, *Aerospace series - Design and installation of aircraft electrical and optical interconnection systems*

EN 3475-301, *Aerospace series - Cables, electrical, aircraft use - Test methods - Part 301: Ohmic resistance per unit length*

EN 3844-1, *Aerospace series - Flammability of non metallic materials - Part 1: Small burner test, vertical - Determination of the vertical flame propagation*

EN 6049-003, *Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 003: Braided, tubular, expandable - Product standard*

EN 6049-004, *Aerospace series — Electrical cables, installation — Protection sleeve in meta-aramid fibres — Part 004: Braided, tubular, high expandable — Product standard* ¹⁾

EN 6049-005¹⁾, *Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 005: Sleeve flexible, post installation - Product standard*

EN 6049-006, *Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 006: Self-wrapping protective sleeve, flexible post installation - Product standard*

EN 6049-007, *Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 007: Self-wrapping mechanical and electrical protective sleeve, flexible post installation operating temperature from - 55 °C to 260 °C - Product standard*

EN 6049-008, *Aerospace series - Electrical cables, installation - Protective sleeves in meta-aramid fibres - Part 008: Self-wrapping shielded (EMI) protective sleeve with nickel copper braid, flexible post installation operating temperature from - 55 °C to 200 °C - Product standard*

¹⁾ Published as ASD-STAN Prestandard at the date of publication of this standard. www.asd-stan.org

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