



Nederlandse norm

NEN-EN 4056-003

(en)

Aerospace series - Cable ties for harnesses - Part
003: Plastic cable ties - Operating temperatures -
65 °C to 105 °C and - 65 °C to 150 °C - Product
standard

Vervangt NEN-EN 4056-003:2016

ICS 49.060
september 2019

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Preview
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EUROPEAN STANDARD

EN 4056-003

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2019

ICS 49.060

Supersedes EN 4056-003:2016

English Version

Aerospace series - Cable ties for harnesses - Part 003: Plastic cable ties - Operating temperatures - 65 °C to 105 °C and - 65 °C to 150 °C - Product standard

Série aérospatiale - Frettes de câblage pour harnais -
Partie 003 : Frettes en plastique - Températures
d'utilisation - 65 °C à 105 °C et - 65 °C à 150 °C -
Norme de produit

Luft- und Raumfahrt - Befestigungsbänder für
Leitungsbündel - Teil 003: Kabelbinder aus Kunststoff -
Betriebstemperatur - 65 °C bis 105 °C und - 65 °C bis
150 °C - Produktnorm

This European Standard was approved by CEN on 5 May 2019.

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

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Orbbeel
 Preview

European foreword

This document (EN 4056-003:2019) 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of an identical text or by endorsement, at the latest by March 2020, and conflicting national standards shall be withdrawn at the latest by March 2020.

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ELECTRONIC

EN 4056-003:2019 (E)**1 Scope**

This document defines the required characteristics of cable ties with either internal or external serrations manufactured entirely from plastics material, for installation under controlled tension on aircraft cable harnesses.

It shall be used together with EN 4056-001.

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 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 4056-001, *Aerospace series — Cable ties for harnesses — Part 001: Technical specification*

EN 4057 (all parts), *Aerospace series — Cable ties for harnesses — Test methods*

MS 90387, *Tool, hand, adjustable for plastic and metal tie down straps* ¹⁾

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 4056-001 apply.

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

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

4 Required characteristics**4.1 Dimensions**

See Figure 1 and Table 1.

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

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