

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

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

|                                                                                                                     |                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| See Eesti standard EVS-EN 4056-003:2016 sisaldab Euroopa standardi EN 4056-003:2016 ingliskeelset teksti.           | This Estonian standard EVS-EN 4056-003:2016 consists of the English text of the European standard EN 4056-003:2016.                |
| Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.                                                  | This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation. |
| Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 07.09.2016. | Date of Availability of the European standard is 07.09.2016.                                                                       |
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ICS 49.060

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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 2 January 2016.

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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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

| <b>Contents</b>        |                                | <b>Page</b> |
|------------------------|--------------------------------|-------------|
| European foreword..... |                                | 3           |
| 1                      | Scope.....                     | 4           |
| 2                      | Normative references.....      | 4           |
| 3                      | Terms and definitions .....    | 4           |
| 4                      | Required characteristics ..... | 4           |
| 5                      | Tests and requirements.....    | 7           |
| 6                      | Quality assurance.....         | 8           |
| 7                      | Designation.....               | 8           |
| 8                      | Marking.....                   | 8           |
| 9                      | Packaging and storage.....     | 8           |

## European foreword

This document (EN 4056-003:2016) 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 2017, and conflicting national standards shall be withdrawn at the latest by March 2017.

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## 1 Scope

This European Standard 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, 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 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* <sup>1)</sup>

## 3 Terms and definitions

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

## 4 Required characteristics

### 4.1 Dimensions

See Figure 1 and Table 1.

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