

STN	Letectvo a kozmonautika Horľavosť nekovových materiálov Časť 3: Skúška s malým horákom, 45° Stanovenie odolnosti materiálov proti šíreniu plameňa, šíreniu žeravenia a prieniku plameňa	STN EN 3844-3 31 7034
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Aerospace series - Flammability of non-metallic materials - Part 3: Small burner test, 45 - Determination of the resistance of material to flame and glow propagation and to flame penetration

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

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English Version

**Aerospace series - Flammability of non-metallic materials -
Part 3: Small burner test, 45° - Determination of the
resistance of material to flame and glow propagation and
to flame penetration**

Série aérospatiale - Inflammabilité des matériaux non
métalliques - Partie 3 : Essai au brûleur, 45° -
Détermination de la résistance du matériau à la
propagation de la flamme et de l'incandescence, et à la
pénétration de la flamme

Luft- und Raumfahrt - Entflammbarkeit
nichtmetallischer Werkstoffe - Teil 3: Kleinbrenner-
Prüfung, 45° - Bestimmung der Beständigkeit eines
Materials gegen die Ausbreitung von Flammen und
Glimmen und gegen Durchbrennen

This European Standard was approved by CEN on 12 May 2019.

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

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

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European foreword

This document (EN 3844-3:2019) 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 February 2020, and conflicting national standards shall be withdrawn at the latest by February 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 3844-3:2011.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 3844-3:2019 (E)**1 Scope**

This document specifies the test for the determination of the resistance of non-metallic materials in part or in whole to flame and glow propagation and to flame penetration.

This test method is also used for testing non-metallic materials which have to meet the test criteria for the 45° Bunsen burner test.

It is used for evaluation of non-metallic materials or constructions used in the interiors of aerospace vehicles but also may be used in other applications as specified in applicable procurement and regulatory documents.

This standard should be used to measure and describe the properties of non-metallic materials, products or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products, or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end use.

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.

ASTM-D 5025, *Standard Specification for Laboratory Burner Used for Small-Scale Burning Tests on Plastic Materials* ¹⁾

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹⁾ Published by: ASTM National (US) American Society for Testing and Materials <http://www.astm.org/>.