

STN	Letectvo a kozmonautika Temperované floatové sklenené vrstvy na použitie v letectve Technická špecifikácia	STN EN 3001 31 7371
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Aerospace series - Tempered float glass plies for aircraft applications - Technical specification

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. 11/19

Obsahuje: EN 3001:2019

129463

EUROPEAN STANDARD

EN 3001

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2019

ICS 49.045

English Version

Aerospace series - Tempered float glass plies for aircraft applications - Technical specification

Série aérospatiale - Plis de verre renforcés pour applications aéronautiques - Spécification technique

Luft- und Raumfahrt - Vorgespannte Floatglasscheiben für Luftfahrzeuganwendungen - Technische Lieferbedingungen

This European Standard was approved by CEN on 14 January 2019.

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

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EN 3001:2019 (E)

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European foreword

This document (EN 3001:2019) 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of an identical text or by endorsement, at the latest by December 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.

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EN 3001:2019 (E)**1 Scope**

This document specifies the requirements for tempered soda-lime float glass plies which are made from annealed glass either of the universally available type or of high light transmission type. The annealed glass is manufactured by a continuous process for general use.

The plies are tempered by either a thermal or chemical process.

The tempered glass is used mainly for cockpit glazing.

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 2155-5, *Aerospace series — Test methods for transparent materials for aircraft glazing — Part 5: Determination of visible light transmission*

EN 2155-6, *Aerospace series — Test methods for transparent materials for aircraft glazing — Part 6: Determination of optical defects* ¹⁾

EN 2155-8, *Aerospace series — Test methods for transparent materials for aircraft glazing — Part 8: Determination of optical distortion*

EN 2155-9, *Aerospace series — Test methods for transparent materials for aircraft glazing — Part 9: Determination of haze*

EN 9133, *Aerospace series — Quality Management Systems — Qualification Procedure for Aerospace Standard Products*

EN 3861, *Aerospace series — Non-metallic materials — Glass transparencies — Material standard — Thermally tempered soda lime float glass*

EN 3862, *Aerospace series — Non-metallic materials — Glass transparencies — Material standard — Chemically tempered soda lime float glass*

EN 3863, *Aerospace series — Non-metallic materials — Glass transparencies — Test methods — Determination of flatness*

EN 3864, *Aerospace series — Non-metallic materials — Glass transparencies — Test methods — Determination of modulus of rupture*

EN 3865, *Aerospace series — Stress/optical measurement of tempered glass — Test method* ²⁾

EN 3866, *Aerospace series — Non-metallic materials — Glass transparencies — Test methods — Determination of ream and surface ripple*

1) Published as ASD-STAN Prestandard at the date of publication of this standard by AeroSpace and Defence industries Association of Europe - Standardization (ASD-STAN) (<http://www.asd-stan.org/>)

2) In preparation at the date of publication of this standard.

EN ISO 489, *Plastics — Determination of refractive index*

ISO 1183-1, *Plastics — Methods for determining the density of non-cellular plastics — Part 1: Immersion method, liquid pycnometer method and titration method*

ISO 7991, *Glass — Determination of coefficient of mean linear thermal expansion*

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