

Road vehicles - Supplementary grip devices for tyres of passenger cars and light duty vehicles - Part 1: General safety and performance requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 16662-1:2020 sisaldab Euroopa standardi EN 16662-1:2020 ingliskeelset teksti.	This Estonian standard EVS-EN 16662-1:2020 consists of the English text of the European standard EN 16662-1:2020.
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English Version

Road vehicles - Supplementary grip devices for tyres of passenger cars and light duty vehicles - Part 1: General safety and performance requirements

Véhicules routiers - Dispositifs supplémentaires d'adhérence pour pneumatiques de véhicules particuliers et de véhicules utilitaires légers - Partie 1 : Exigences générales de sécurité et de performance

Straßenfahrzeuge - Zusätzliche Gleitschutzvorrichtungen für Reifen an Personenfahrzeugen und leichten Nutzfahrzeugen - Teil 1: Sicherheitstechnische Anforderungen und Prüfverfahren

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European foreword

This document (EN 16662-1:2020) has been prepared by Technical Committee CEN/TC 301 “Road Vehicles”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by November 2020, and conflicting national standards shall be withdrawn at the latest by November 2020.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.

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1 Scope

This document provides specifications for safety, quality and performance requirements for supplementary grip devices, commonly called “SGDs”, for type – approved tyres according to the current legislation, intended to be fitted on tyres on vehicles in categories M1, N1, O1, O₂ and relevant sub-categories (off road vehicles).

The requirements contained in this document apply to all SGDs, regardless of the material/technology used to build it.

In case there are available standards for the specific technology of the device, they are intended to be used in conjunction with this document.

In case no standard is available for the specific technology, this document applies.

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.

ISO 4000-1, *Passenger car tyres and rims — Part 1: Tyres (metric series)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions 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 <https://www.iso.org/obp/>

3.1

Supplementary Grip Device

SGD

device for the increasing of force transmission, in particular on snow and ice

Note 1 to entry: If not differently specified, this term identifies the Sample SGD.

3.2

tyre tread

part of the tyre directly in contact with the road surface

3.3

SGD tread surface

elements of the SGD between the tyre tread and the road surface

3.4

product hazard

defects implying a not acceptable loss of safety

Note 1 to entry: These hazards may occur through e.g. holes, breakages, SGD falling off the tyre, etc.

Note 2 to entry: Safety risks need to be defined in the SGD manual.