

**Rubber and plastics hoses and hose assemblies -
Vocabulary (ISO 8330:2014)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 8330:2014 sisaldab Euroopa standardi EN ISO 8330:2014 inglisekeelset teksti.	This Estonian standard EVS-EN ISO 8330:2014 consists of the English text of the European standard EN ISO 8330:2014.
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English Version

**Rubber and plastics hoses and hose assemblies - Vocabulary
(ISO 8330:2014)**

Tuyaux et flexibles en caoutchouc et en plastique -
Vocabulaire (ISO 8330:2014)

Gummi- und Kunststoffschläuche und Schlauchleitungen -
Vokabular (ISO 8330:2014)

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 8330:2014) has been prepared by Technical Committee ISO/TC 45 "Rubber and rubber products" in collaboration with Technical Committee CEN/TC 218 "Rubber and plastics hoses and hose assemblies" the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by February 2015, and conflicting national standards shall be withdrawn at the latest by February 2015.

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

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Endorsement notice

The text of ISO 8330:2014 has been approved by CEN as EN ISO 8330:2014 without any modification.

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1 Scope

This International Standard defines terms used in the hose industry.

This International Standard is divided into two subclauses, namely

- 2.1: hose terms, and
- 2.2: hose assembly terms.

NOTE 1 The following hose terms can also be applied to hose assemblies: bend radius, bending, bending force, burst pressure, elongation, hydrostatic stability, hydrostatic stability test, impulse test, kinking, maximum working pressure, minimum bend radius, proof pressure, proof pressure test, reeling diameter, test pressure, vacuum resistance, vacuum stability, vacuum test, working pressure, working temperature.

Recommended terminology and limits for electrical resistance, according to construction, of rubber and plastics hoses and hose assemblies for International Standards and European Committee for Standardization (CEN) standards can be found in ISO 8031:2009, Annex A.

NOTE 2 See also the ISO online browsing platform (OBP): <https://www.iso.org/obp/ui/>

2 Terms and definitions

2.1 Hose terms

2.1.1

adhesion

strength of bond between cured rubber surfaces or between a cured rubber surface and a non-rubber surface or the strength of bond between two non-rubber (plastics) hose layers fused or glued together

2.1.2

angle of braid

angle of lay

acute angle between any strand of the *braid* (2.1.17) and a line parallel to the axis of the hose

2.1.3

anti-static wire

bonding wire

conducting wire

metal wire (usually manufactured from thin braided copper wires) incorporated in the *hose wall* (2.1.60) in order to remove static electricity generated in the hose, and usually connected to the *couplings* (2.2.10) of an assembly

2.1.4

armoured hose

hose (2.1.58) with a protective covering, generally applied as a *braid* (2.1.17) or *helix* (2.1.54), to minimize physical damage

2.1.5

armouring

protective covering over a hose, generally applied as a *braid* (2.1.17) or *helix* (2.1.54) to prevent mechanical damage or to support the *reinforcement* (2.1.109) of a hose section