

STN	Gumové alebo plastové hadice a hadice s konečkami na bezvzduchové striekanie náterových látok Špecifikácia (ISO 8028: 2017)	STN EN ISO 8028 63 5410
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Rubber and/or plastics hoses and hose assemblies for airless paint spraying - Specification (ISO 8028:2017)

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. 06/18

Obsahuje: EN ISO 8028:2018, ISO 8028:2017

Oznámením tejto normy sa ruší
STN EN ISO 8028 (63 5410) z novembra 2002

126588

EUROPEAN STANDARD

EN ISO 8028

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2018

ICS 23.040.70; 87.100

Supersedes EN ISO 8028:2000

English Version

Rubber and/or plastics hoses and hose assemblies for airless paint spraying - Specification (ISO 8028:2017)

Tuyaux et flexibles en caoutchouc et/ou en plastique
pour pulvérisation (AIRLESS) des peintures -
Spécifications (ISO 8028:2017)

Gummi- und/oder Kunststoffschläuche und -
schlauchleitungen für das luftfreie Farbspritzen -
Spezifikation (ISO 8028:2017)

This European Standard was approved by CEN on 26 November 2017.

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EN ISO 8028:2018 (E)

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European foreword

This document (EN ISO 8028:2018) has been prepared by Technical Committee ISO/TC 45/SC 1 “Rubber and plastics hoses and hose assemblies” 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of an identical text or by endorsement, at the latest by July 2018, and conflicting national standards shall be withdrawn at the latest by July 2018.

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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Endorsement notice

The text of ISO 8028:2017 has been approved by CEN as EN ISO 8028:2018 without any modification.

INTERNATIONAL STANDARD

ISO 8028

Third edition
2017-11

Rubber and/or plastics hoses and hose assemblies for airless paint spraying — Specification

*Tuyaux et flexibles en caoutchouc et/ou en plastique pour
pulvérisation (AIRLESS) des peintures — Spécifications*



Reference number
ISO 8028:2017(E)

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ISO 8028:2017(E)



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ISO 8028:2017(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 1, *Rubber and plastics hoses and hose assemblies*.

This third edition cancels and replaces the second edition (ISO 8028:1999), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the scope has been re-defined;
- the normative references have been updated accordingly;
- [Clause 5](#) has been re-written to better define construction and materials;
- [7.1](#) has been re-written;
- the clause on electrical properties has been revised and updated to reflect changes in test methods;
- new [Clauses 10](#) and [11](#) were added;
- a new [Clause 14](#) was added;
- [Annexes A](#) and [B](#) have been revised to reflect hose and hose assembly tests.

Rubber and/or plastics hoses and hose assemblies for airless paint spraying — Specification

WARNING — Persons using this document should be familiar with normal laboratory practice. This document does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices.

1 Scope

This document specifies the requirements for four types of hose and hose assemblies for use in airless paint spraying. The four types are differentiated by burst pressure and operating temperature, and can be constructed from rubber or plastic materials, or a combination of rubber and plastic material.

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 1402, *Rubber and plastics hoses and hose assemblies — Hydrostatic testing*

ISO 1817:2015, *Rubber, vulcanized or thermoplastic — Determination of the effect of liquids*

ISO 6803, *Rubber or plastics hoses and hose assemblies — Hydraulic-pressure impulse test without flexing*

ISO 7326:2016, *Rubber and plastics hoses — Assessment of ozone resistance under static conditions*

ISO 7751, *Rubber and plastics hoses and hose assemblies — Ratios of proof and burst pressure to maximum working pressure*

ISO 8031:2009, *Rubber and plastics hoses and hose assemblies — Determination of electrical resistance and conductivity*

ISO 8033, *Rubber and plastics hoses — Determination of adhesion between components*

ISO 8330, *Rubber and plastics hoses and hose assemblies — Vocabulary*

ISO 23529, *Rubber — General procedures for preparing and conditioning test pieces for physical test methods*

ISO 30013:2011, *Rubber and plastics hoses — Methods of exposure to laboratory light sources — Determination of changes in colour, appearance and other physical properties*

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