

STN	Gumové alebo plastové hadice a hadice s koncovkami Hydraulická tlaková impulzová skúška bez ohýbania (ISO 6803: 2017)	STN EN ISO 6803 63 5415
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Rubber or plastics hoses and hose assemblies - Hydraulic-pressure impulse test without flexing (ISO 6803:2017)

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. 08/17

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EUROPEAN STANDARD

EN ISO 6803

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2017

ICS 23.040.70; 23.100.40

Supersedes EN ISO 6803:2008

English Version

Rubber or plastics hoses and hose assemblies - Hydraulic-pressure impulse test without flexing (ISO 6803:2017)

Tuyaux et flexibles en caoutchouc ou en plastique -
Essai d'impulsions de pression hydraulique sans
flexion (ISO 6803:2017)

Gummi- oder Kunststoffschläuche und -
schlauchleitungen - Hydraulik-Druck-Impulsprüfung
ohne Biegung (ISO 6803:2017)

This European Standard was approved by CEN on 10 September 2016.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 6803:2017) 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of an identical text or by endorsement, at the latest by September 2017 and conflicting national standards shall be withdrawn at the latest by September 2017.

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.

This document supersedes EN ISO 6803:2008.

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

Endorsement notice

The text of ISO 6803:2017 has been approved by CEN as EN ISO 6803:2017 without any modification.

STN EN ISO 6803: 2017

**INTERNATIONAL
STANDARD**

**ISO
6803**

Fourth edition
2017-03

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

*Tuyaux et flexibles en caoutchouc ou en plastique — Essai
d'impulsions de pression hydraulique sans flexion*



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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 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 fourth edition cancels and replaces the third edition (ISO 6803:2008), which has been technically revised to include cool down testing as specified in [4.1](#) and [8.2](#).

Rubber or plastics hoses and hose assemblies — Hydraulic-pressure impulse test without flexing

1 Scope

This document describes hose impulse testing, without flexing, of rubber or plastics hydraulic hose assemblies at both high and low impulse pressures. The high-pressure testing is carried out at pressures greater than 3 MPa and the low-pressure testing at pressures from 1,5 MPa to 3 MPa. The test procedure is applicable to hydraulic hose assemblies that are subject to pulsating pressures in service which are included in the product requirements.

NOTE Impulse test procedures with flexing can be found in ISO 6802.

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 3448, *Industrial liquid lubricants — ISO viscosity classification*

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

ISO/TR 11340, *Rubber and rubber products — Hydraulic hose assemblies — External leakage classification for hydraulic systems*

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