SLOVENSKI STANDARD
SIST EN ISO 6808:2014

01-september-2014

Nadomešča:
SIST EN ISO 6808:2000

Polimerne cevi in cevni priključki za vsesavanje in izčrpavanje nafte in naftnih derivatov pri nizkem tlaku - Specifikacija (ISO 6808:2014)

Plastic hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids - Specification (ISO 6808:2014)

Kunststoffschläuche und Schlauchleitungen für das Ansaugen und Fördern von Flüssigkeiten aus Erdöl bei niedrigem Druck - Spezifikation (ISO 6808:2014)

Tuyaux et flexibles en plastique pour aspiration et refoulement basse pression des liquides pétroliers - Spécifications (ISO 6808:2014)

Ta slovenski standard je istoveten z: **EN ISO 6808:2014**

ICS:

75.200	Oprema za skladiščenje nafte, naftnih proizvodov in zemeljskega plina	Petroleum products and natural gas handling equipment
83.140.40	Gumene cevi	Hoses

SIST EN ISO 6808:2014 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 6808

July 2014

ICS 83.140.40; 75.200

Supersedes EN ISO 6808:2000

English Version

Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids - Specification (ISO 6808:2014)

Tuyaux et flexibles en plastique pour aspiration et refoulement basse pression des liquides pétroliers - Spécifications (ISO 6808:2014)

Kunststoffschläuche und Schlauchleitungen für das Ansaugen und Fördern von Flüssigkeiten aus Erdöl bei niedrigem Druck - Spezifikation (ISO 6808:2014)

This European Standard was approved by CEN on 28 May 2014.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword

This document (EN ISO 6808:2014) 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 January 2015, and conflicting national standards shall be withdrawn at the latest by January 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.

This document supersedes EN ISO 6808:2000.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 6808:2014 has been approved by CEN as EN ISO 6808:2014 without any modification.

INTERNATIONAL STANDARD

ISO 6808

Third edition
2014-07-01

Plastics hoses and hose assemblies for suction and low-pressure discharge of petroleum liquids — Specification

Tuyaux et flexibles en plastique pour aspiration et refoulement basse pression des liquides pétroliers — Spécifications

Reference number
ISO 6808:2014(E)

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is 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 6808:1999), which has been technically revised with the following changes:

— Throughout the document: Nominal bore was changed to hose size.

— Throughout the document: ISO 1817 Oil No. 3 was changed to IRM 903 oil.

— ISO 471, ISO 1746, and ISO 4672 were replaced by ISO 23529, ISO 10619-1, and ISO 10619-2, respectively.

— Terms and definitions clause was added.

— Type 1 and Type 2 maximum working pressures at 45 °C were corrected.

— Hose construction for electrical bonding was updated.

— Tables 4 and 5: Note b was added.

— 7.2 and Table 5: Changed 55 °C to 45 °C.

— 9.3: Electrical bonding was redefined.

— 9.4: Added electrical wall resistance clause.

— Added frequency of testing clause.

— Added type tests clause.

— Added Annex A — Test frequency.

— Added Annex B — Production tests.

Introduction

This International Standard has been prepared to provide minimum acceptable requirements for the satisfactory performance of polymer-reinforced thermoplastics hoses for suction and discharge applications, conveying kerosene, heating oil, diesel fuel, and lubricating oils. These hoses are neither suitable for conveying automotive or aviation fuel nor suitable for metered delivery of any liquid.

The list of hose sizes given in Tables 1 and 2 is not intended to be restrictive and will not preclude the manufacture of sizes outside the preferred-number range (the basis of the tables) and which might be the subject of individual national standards.