



SLOVENSKI STANDARD
kSIST FprEN ISO 6808:2014
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Polimerne cevi in cevni priključki za vsesavanje in izčrpavanje nafte in naftnih derivatov pri nizkem tlaku - Specifikacija (ISO/FDIS 6808:2014)

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

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

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

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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*

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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.

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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 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.

