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Fourth edition
2022-03

Rubber hoses and hose assemblies — Wire- or textile-reinforced single- pressure types for hydraulic applications — Specification

*Tuyaux et flexibles en caoutchouc — Types hydrauliques à pression
unique, avec armature de fils métalliques ou textiles tressés —
Spécifications*



Reference number
ISO 18752:2022(E)

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Published in Switzerland

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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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This document was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 1, *Rubber and plastics hoses and hose assemblies*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 218, *Rubber and plastics hoses and hose assemblies*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 18752:2014), which has been technically revised.

The main changes are as follows:

- the scope has been extended to water-based fluid, in order to align the document with ISO 1436, ISO 3862 and ISO 4079;
- in [7.1.2](#):
 - “For all grades” was replaced with “For types AS, AC, BS and BC”;
 - a new temperature condition of 120 °C was added;
- a new subclause [7.1.3](#) was added;
- in [Annex B, Table B.1](#), change in length test per batch, was replaced “X” with “N/A”.

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