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## **Rubber hoses and hose assemblies — Rubber-covered spiral-wire- reinforced hydraulic types for oil-based or water-based fluids — Specification**

*Tuyaux et flexibles en caoutchouc — Types hydrauliques avec  
armature hélicoïdale de fils métalliques pour fluides à base d'huile ou  
à base d'eau — Spécifications*



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## Foreword

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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](http://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*.

This fifth edition cancels and replaces the fourth edition (ISO 3862:2017), which has been technically revised.

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

- in [Clause 1](#), the temperature of water and water-based fluids has been increased from +60 °C to +70 °C;
- in [6.1](#), definitions of [Table 1](#), [Table 2](#), [Table 3](#) and [Table 4](#) have been updated;
- [Table 1](#) has been split into [Table 1](#), [Table 2](#) and [Table 3](#); subsequent tables and references have been renumbered;
- dimensions in [Table 1](#), [Table 2](#) and [Table 3](#) have been updated;
- in [Table 5](#), [Table 6](#) and [Table 7](#), maximum working pressure, proof pressure and minimum burst pressure have been updated;
- in [7.4.2](#) and [7.9.3](#), the temperature of water and water-based fluids has been increased from +60 °C to +70 °C;
- in [Clause 9](#), some of the marking requirements have been revised.

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