

Second edition
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Connections for hydraulic fluid power and general use — Hose fittings —

Part 2: Hose fittings with ISO 8434-1 24° cone connector ends with O-rings

*Raccordements pour transmissions hydrauliques et applications
générales — Flexibles de raccordement —*

*Partie 2: Flexibles avec embouts à cône à 24 degrés et joints toriques
conformes à l'ISO 8434-1*



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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).

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This document was prepared by Technical Committee ISO/TC 131, *Fluid power systems*, Subcommittee SC 4, *Connectors and similar products and components*.

This second edition cancels and replaces the first edition (ISO 12151-2:2003), which has been technically revised.

The main changes are as follows:

- all references to ISO 8434-4 have been removed as this International Standard has been withdrawn and replaced by ISO 8434-1;
- all references to ISO 8434-5 have been removed as this International Standard has been withdrawn and replaced by ISO 19879.

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Introduction

In hydraulic fluid power systems, power is transmitted and controlled through a liquid under pressure within an enclosed circuit. In general applications, a fluid can be conveyed under pressure.

Components are connected through their ports by stud ends on fluid conductor fittings to tubes/pipes or to hose fittings and hoses.