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Fifth edition
2021-04

Rubber and plastics hoses and hose assemblies — Determination of resistance to vacuum

Tuyaux et flexibles en caoutchouc et en plastique — Détermination de la résistance à l'aspiration



Reference number
ISO 7233:2021(E)

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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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 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 fifth edition cancels and replaces the fourth edition (ISO 7233:2016), which has been technically revised. The main changes compared to the previous edition are as follows:

- hose assembly has been added in the text;
- a statement regarding change in length, as mentioned in Method C, has been added.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

Vacuum testing is applied to hoses or hose assemblies to determine whether they will withstand the differential pressure encountered in service resulting from reduced pressure within the hose or hose assembly.