Second edition
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Aerospace — Hose assemblies in polytetrafluoroethylene (PTFE) for use up to 232 °C and 10 500 kPa — Technical specifications and requirements

Aéronautique et espace — Tuyauteries flexibles en polytétrafluoroéthylène (PTFE), pour utilisation jusqu'à 232 °C et 10 500 kPa — Spécifications techniques et exigences

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 10502 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 10, *Aerospace fluid systems and components*.

This second edition cancels and replaces the first edition (ISO 10502:1992), which has been technically revised as follows:

a) requirements have been aligned to ISO 8829-1;

b) units in inches have been added;

c) in 3.4.1, the requirement relating to relative density has been updated;

d) in 3.7, length tolerances have been added;

e) in 3.9.3, a requirement has been added to include as a permanent marking on the hose assembly the fire resistance type according to ISO 2685;

f) Annex A, dealing with equivalent materials and components, has been updated.