
**Thermoplastic multi-layer (non-
vulcanized) hoses and hose
assemblies for the transfer of
hydrocarbons, solvents and
chemicals — Specification**

*Tuyaux et flexibles multicouches (non vulcanisés) thermoplastiques
pour le transfert des hydrocarbures, des solvants et des produits
chimiques — Spécifications*

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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.

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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 second edition cancels and replaces the first edition (ISO 27126:2014), which has been technically revised, based on EN 13765:2018.

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

- the normative references have been updated and changed ([Clause 2](#));
- lower minimum and/or higher maximum temperature have been added upon agreement with the manufacturer ([Clause 4](#));
- some austenitic steel wire has been added ([Clause 5](#));
- change in length and twist at proof pressure instead maximum working pressure have been modified ([Clause 7](#));
- the electrical resistance requirement between end fittings has been modified ([Clause 7](#));
- marking of the hose and assembly has been updated ([Clause 10](#));
- in [Annex D](#), thickness has been replaced by outside diameter (equals to the distance between the two plates) and tolerances on test force have been added;
- in [Annex H](#), requirements have been added;
- in [Annex K](#) and [Annex L](#), tests requirements have been updated.

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