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## Thermoplastics pipes — Universal wall thickness table

*Tubes en matières thermoplastiques — Tableau universel des épaisseurs de paroi*



Reference number  
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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.

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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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*.

This third edition cancels and replaces the second edition (ISO 4065:1996), which has been technically revised.

The significant changes are:

- S-values and design stresses for 6,0 bar are deleted;
- Wall thickness values for pipes with diameters up to 3000 mm are included;
- The upper limit for tabled wall thicknesses increased to 150 mm;
- Additional pipe series S 10,5, S 13,3 and S 16,7 are left for use in non-pressure purposes only;
- Definitions are updated to follow modern plastics piping terminology.

This corrected version of ISO 4065:2018 incorporates the following corrections:

The missing decimal separators in Tables 1 and 2 have been reinserted.