

INTERNATIONAL STANDARD

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Third edition
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Thermoplastics pipes for the conveyance of fluids — Nominal outside diameters and nominal pressures —

Part 1: Metric series

*Tubes en matières thermoplastiques pour le transport des fluides —
Diamètres extérieurs nominaux et pressions nominales —*

Partie 1: Série métrique

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Foreword

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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.

International Standard ISO 161-1 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 161-1:1978), which has been technically revised.

ISO 161 consists of the following parts, under the general title *Thermoplastics pipes for the conveyance of fluids — Nominal outside diameters and nominal pressures*:

- *Part 1: Metric series*
- *Part 2: Inch-based series*

Annex A of this part of ISO 161 is for information only.

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Introduction

In this part of ISO 161, some of the abbreviations used have been derived from the French language and others from English. It has been agreed to maintain the same abbreviations in both the French and English versions of the document.

For reference, the abbreviations are listed below with the originating language given first and the translation second:

- PN: Pression nominale (F)
Nominal pressure (E)
- PMS: Pression maximale de service (F)
Maximum allowable operating pressure (E)
- MRS: Minimum required strength (E)
Résistance minimale requise (F)
- σ_s : Design stress (E)
Contrainte de calcul (F)