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S.R. CEN ISO/TR 27165:2012

# Thermoplastics piping systems - Guidance for definitions of wall constructions for pipes (ISO/TR 27165:2012)

## S.R. CEN ISO/TR 27165:2012

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English Version

## Thermoplastics piping systems - Guidance for definitions of wall constructions for pipes (ISO/TR 27165:2012)

Systèmes de canalisations thermoplastiques - Lignes directrices pour les définitions relatives à la construction des parois de tubes (ISO/TR 27165:2012)

Rohrleitungssysteme aus thermoplastischen Kunststoffen - Anleitung für die Benennung der Wandkonstruktionen thermoplastischer Rohre (ISO/TR 27165:2012)

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## **Foreword**

This document (CEN ISO/TR 27165:2012) has been prepared by Technical Committee CEN/TC 155 "Plastics piping systems and ducting systems", the secretariat of which is held by NEN, in collaboration with Technical Committee ISO/TC 138 "Plastics pipes, fittings and valves for the transport of fluids".

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**Thermoplastics piping systems —  
Guidance for definitions of wall  
constructions for pipes**

*Systèmes de canalisations thermoplastiques — Lignes directrices pour  
les définitions relatives à la construction des parois de tubes*



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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.

In exceptional circumstances, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example), it may decide by a simple majority vote of its participating members to publish a Technical Report. A Technical Report is entirely informative in nature and does not have to be reviewed until the data it provides are considered to be no longer valid or useful.

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## **Introduction**

For thermoplastics piping systems used in pressure and non-pressure applications, there are different wall constructions on the market.

Existing definitions in product standards can vary from those as given in this document.

Regarding new developments in this sector, CEN/TC 155 and ISO/TC 138/SC 2 felt it necessary to establish common definitions for wall constructions of pipes to be referenced in a uniform way in product standards.

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