



**International
Standard**

ISO 24033

**Polyethylene of raised temperature
resistance (PE-RT) pipes — Effect
of time and temperature on the
expected strength**

*Tubes en polyéthylène de meilleure résistance à la température
(PE-RT) — Influence du temps et de la température sur la
résistance espérée*

**Third edition
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Foreword

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This document was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 5, *General properties of pipes, fittings and valves of plastic materials and their accessories — Test methods and basic specifications*.

This third edition cancels and replaces the second edition (ISO 24033:2009), which has been technically revised.

The main changes are as follows:

- [Formula \(3\)](#) of the reference line for PE-RT Type 1 for 110 °C was added.
- For the procedure to demonstrate conformance to the reference lines in [Annex A](#), the method described in ISO 9080 was additionally implemented.
- [Annex B](#), which gives advice for the dimensioning of piping components, was added.

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