FINAL DRAFT International Standard

ISO/FDIS 15875-2

Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) —

Part 2: Pipes

Systèmes de canalisations en plastique pour les installations d'eau chaude et froide — Polyéthylène réticulé (PE-X) —

Partie 2: Tubes

ISO/TC **138**/SC **2**

Secretariat: **SNV**

Voting begins on:
2025-07-28

Voting terminates on:
2025-09-22

ISO/CEN PARALLEL PROCESSING

Reference number
ISO/FDIS 15875-2:2025(en)

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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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 2, *Plastics pipes and fittings for water supplies,* in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 155, *Plastics piping systems and ducting systems,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 15875-2:2003), which has been technically revised. It also incorporates the Amendments ISO 15875-2:2003/Amd 1:2007 and ISO 15875-2:2003/Amd 2:2020.

The main changes are as follows:

— the normative references have been updated;

— a new Clause 4 "Generic requirements, instructions and explanations" has been added and subsequent clauses have been renumbered;

— pipe material has been specified more precisely;

— Formula (2) for the 110 °C reference curve has been added;

— a new subclause 5.3 "Reference lines" has been added;

— a new subclause 5.5 "Barrier layer material" has been added;

— a new subclause 5.5.1 "General" has been added;

— a new subclause 5.5.2 "Thermal stability of the barrier layer material" with requirements on the thermal stability of the material has been added;

— a new subclause 5.5.3 "Thermal stability of the adhesive layer material" with requirements on the thermal stability of the material has been added;