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

**Part 5:  
Fitness for purpose of the system**

**AMENDMENT 1**

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

*Partie 5: Aptitude à l'emploi du système*

*AMENDEMENT 1*

ISO 15875-5:2003/Amd 1:2020

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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).

A list of all parts in the ISO 15875 series can be found on the ISO website.

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

## Part 5: Fitness for purpose of the system

### AMENDMENT 1

#### *Normative references*

Replace the reference to "EN 712" with the following:

ISO 3501, *Plastics piping systems — Mechanical joints between fittings and pressure pipes — Test method for resistance to pull-out under constant longitudinal force*

Replace the reference to "EN 713" with the following:

ISO 3503, *Plastics piping systems — Mechanical joints between fittings and pressure pipes — Test method for leaktightness under internal pressure of assemblies subjected to bending*

Replace the reference to "EN 921" with the following:

ISO 1167-1, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure — Part 1: General method*

ISO 1167-2, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure — Part 2: Preparation of pipe test pieces*

Replace the reference to "EN 12293" with the following:

ISO 19893, *Plastics piping systems — Thermoplastics pipes and fittings for hot and cold water — Test method for the resistance of mounted assemblies to temperature cycling*

Replace the reference to "EN 12294" with the following:

ISO 13056, *Plastics piping systems — Pressure systems for hot and cold water — Test method for leaktightness under vacuum*

Replace the reference to "EN 12295" with the following:

ISO 19892, *Plastics piping systems — Thermoplastics pipes and fittings for hot and cold water — Test method for the resistance of joints to pressure cycling*

*4.1, Table 1*

Replace the reference to "EN 921" with "ISO 1167-1 and ISO 1167-2".

Replace the reference to "EN 713" with "ISO 3503".

Replace the reference to "EN 712" with "ISO 3501".

Replace the reference to "EN 12293" with "ISO 19893".

Replace the reference to "EN 12295" with "ISO 19892".

Replace the reference to "EN 12294" with "ISO 13056".

*4.2, first sentence*

Replace the reference to "EN 921" with "ISO 1167-1 and ISO 1167-2".

*4.3, first sentence*

Replace the reference to "EN 713" with "ISO 3503".

*4.3, second paragraph*

Replace "of nominal diameter greater than or equal to 32 mm" with "that are declared as being bendable by the system supplier."

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Replace the reference to "EN 712" with "ISO 3501".

*4.5, first sentence*

Replace the reference to "EN 12293" with "ISO 19893".