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

**Part 2:
Pipes**

AMENDMENT 2

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

Partie 2: Tubes

AMENDEMENT 2

ISO 15875-2:2003/Amd 2:2020

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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).

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Part 2: Pipes

AMENDMENT 2

Normative references

Replace the reference to "EN 578" with the following:

ISO 7686, *Plastics pipes and fittings — Determination of opacity*

Replace the reference to "EN 579" with the following:

ISO 10147, *Pipes and fittings made of crosslinked polyethylene (PE-X) — Estimation of the degree of crosslinking by determination of the gel content*

Replace the reference to "EN 743" with the following:

ISO 2505, *Thermoplastics pipes — Longitudinal reversion — Test method and parameters*

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* ²⁰²⁰

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*

4.2

Replace all references to "EN 921:1994" with "ISO 1167-1 and ISO 1167-2".

5.2

Replace the reference to "EN 578" with "ISO 7686".

6.2.2, Table 2

Replace Table 2 with the following table:

Table 2 — Pipe dimensions for dimension class A
(sizes conform to ISO 4065 and are applicable for all classes of service conditions)

Dimensions in millimetres

Nominal size DN/OD	Nominal outside diameter d_n	Mean outside diameter ^a		Pipe series			
		$d_{em,min}$	$d_{em,max}$	S 6,3	S 5	S 4	S 3,2
				Wall thicknesses e_{min} and e_n			
12	12	12,0	12,3	—	1,3 ^a	1,4	1,7
16	16	16,0	16,3	1,3	1,5	1,8	2,2
20	20	20,0	20,3	1,5	1,9	2,3	2,8
25	25	25,0	25,3	1,9	2,3	2,8	3,5
32	32	32,0	32,3	2,4	2,9	3,6	4,4
40	40	40,0	40,4	3,0	3,7	4,5	5,5
50	50	50,0	50,5	3,7	4,6	5,6	6,9
63	63	63,0	63,6	4,7	5,8	7,1	8,6
75	75	75,0	75,7	5,6	6,8	8,4	10,3
90	90	90,0	90,9	6,7	8,2	10,1	12,3
110	110	110,0	111,0	8,1	10,0	12,3	15,1
125	125	125,0	126,2	9,2	11,4	14,0	17,1
140	140	140,0	141,3	10,3	12,7	15,7	19,2
160	160	160,0	161,5	11,8	14,6	17,9	21,9
180	180	180,0	181,7	13,3	16,4	20,1	24,6
200	200	200,0	201,8	14,7	18,2	22,4	27,4
225	225	225,0	227,1	16,6	20,5	25,2	30,8
250	250	250,0	252,3	18,4	22,7	27,9	34,2

NOTE A non-preferred wall thickness of 1,1 mm is permitted for dimension $d_n = 12$.

^a The level of the tolerances conforms to Grade A in ISO 11922-1.