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**Cevni sistemi iz polimernih materialov za napeljave z vročo in hladno vodo -  
Polietilen s povišano temperaturno odpornostjo (PE-RT) - 2. del: Cevi - Dopolnilo  
A1 (ISO 22391-2:2009/DAM 1:2020)**

Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 2: Pipes - Amendment 1 (ISO 22391-2:2009/DAM 1:2020)

Kunststoff-Rohrleitungssysteme für die Warm- und Kaltwasserinstallation - Polyethylen erhöhter Temperaturbeständigkeit (PE-RT) - Teil 2: Rohre - Änderung 1 (ISO 22391-2:2009/DAM 1:2020)

[SIST EN ISO 22391-2:2010/A1:2021](https://standards.iteh.ai/catalog/standards/sist/c668b909-9c44-4e3a-8645-59d9c28c783/sist-en-iso-22391-2-2010-oprA1-2020)

Systèmes de canalisations en plastique pour les installations d'eau chaude et froide - Polyéthylène de meilleure résistance à la température (PE-RT) - Partie 2: Tubes - Amendement 1 (ISO 22391-2:2009/DAM 1:2020)

**Ta slovenski standard je istoveten z: EN ISO 22391-2:2009/prA1**

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**ICS:**

23.040.20	Cevi iz polimernih materialov	Plastics pipes
91.140.60	Sistemi za oskrbo z vodo	Water supply systems

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# DRAFT AMENDMENT

## ISO 22391-2:2009/DAM 1

ISO/TC 138/SC 2

Secretariat: SNV

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### Plastics piping systems for hot and cold water installations — Polyethylene of raised temperature resistance (PE-RT) —

#### Part 2: Pipes

#### AMENDMENT 1

*Systèmes de canalisations en plastique pour les installations d'eau chaude et froide — Polyéthylène de meilleure résistance à la température (PE-RT) —*

Partie 2: Tubes

AMENDEMENT 1

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This document was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 155, ~~Plastics piping systems and ducting systems~~, in collaboration with ISO 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 accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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# Plastics piping systems for hot and cold water installations — Polyethylene of raised temperature resistance (PE-RT) —

## Part 2: Pipes

### AMENDMENT 1

Page 7, Table 3

Replace Table 3 with the new Table 3 below, where larger dimensions (180 mm to 250 mm) have been added. The dimensions of 12 mm to 160 mm have been unchanged from the ISO 22391-2:2009 version.

**Table 1 — Pipe dimensions for dimension class A**  
(sizes in accordance with ISO 4065 and applicable for all classes of service condition)

Dimensions in millimetres

Nominal size DN/OD	Nominal out- side diameter $d_n$	Mean outside diameter		Pipe series			
		$d_{em, min}$	$d_{em, max}$	S 5	S 4	S 3,2	S 2,5
		Wall thicknesses $e_{min}$ and $e_n$					
12	12	12,0	12,3	1,3 <sup>a</sup>	1,4	1,7	2,0
16	16	16,0	16,3	1,5	1,8	2,2	2,7
20	20	20,0	20,3	1,9	2,3	2,8	3,4
25	25	25,0	25,3	2,3	2,8	3,5	4,2
32	32	32,0	32,3	2,9	3,6	4,4	5,4
40	40	40,0	40,4	3,7	4,5	5,5	6,7
50	50	50,0	50,5	4,6	5,6	6,9	8,3
63	63	63,0	63,6	5,8	7,1	8,6	10,5
75	75	75,0	75,7	6,8	8,4	10,3	12,5
90	90	90,0	90,9	8,2	10,1	12,3	15,0
110	110	110,0	111,0	10,0	12,3	15,1	18,3
125	125	125,0	126,2	11,4	14,0	17,1	20,8
140	140	140,0	141,3	12,7	15,7	19,2	23,3
160	160	160,0	161,5	14,6	17,9	21,9	26,6
180	180	18,0	181,7	16,4	20,1	24,6	29,9
200	200	200,0	201,8	18,2	22,4	27,4	33,2
225	225	225,0	227,1	20,5	25,2	30,8	37,4
250	250	250,0	252,3	22,7	27,9	34,2	41,5

<sup>a</sup> A non-preferred wall thickness of 1,1 mm is permitted for  $d_n = 12$ .

## ISO 22391-2:2009/DAM 1:2020(E)

Page 8, [Table 7](#)

Replace [Table 7](#) with the new [Table 7](#) below, where wall thicknesses for larger dimensions (greater than 33,0 mm) have been added. The wall thicknesses up to 27,0 mm have been unchanged from the ISO 22391-2:2009 version.

**Table 7 — Tolerance on wall thicknesses**

Dimensions in millimetres

Minimum wall thickness		Tolerance <sup>a</sup>	Minimum wall thickness		Tolerance <sup>a</sup>
$e_{\min}$		$x$	$e_{\min}$		$x$
>	≤		>	≤	
1,0	2,0	0,3	25,0	26,0	2,7
2,0	3,0	0,4	26,0	27,0	2,8
3,0	4,0	0,5	27,0	28,0	2,9
4,0	5,0	0,6	28,0	29,0	3,0
5,0	6,0	0,7	29,0	30,0	3,1
6,0	7,0	0,8	30,0	31,0	3,2
7,0	8,0	0,9	31,0	32,0	3,3
8,0	9,0	1,0	32,0	33,0	3,4
9,0	10,0	1,1	33,0	34,0	3,5
10,0	11,0	1,2	34,0	35,0	3,6
11,0	12,0	1,3	35,0	36,0	3,7
12,0	13,0	1,4	36,0	37,0	3,8
13,0	14,0	1,5	37,0	38,0	3,9
14,0	15,0	1,6	38,0	39,0	4,0
15,0	16,0	1,7	39,0	40,0	4,1
16,0	17,0	1,8	40,0	41,0	4,2
17,0	18,0	1,9	41,0	42,0	4,3
18,0	19,0	2,0			
19,0	20,0	2,1			
20,0	21,0	2,2			
21,0	22,0	2,3			
22,0	23,0	2,4			
23,0	24,0	2,5			
24,0	25,0	2,6			

<sup>a</sup> The tolerance is expressed in the form  $0^{+x}$  mm, where "x" is the value of the tolerance given. The level of the tolerances conforms to Grade V in ISO 11922-1.