SLOVENSKI STANDARD
SIST EN ISO 15875-3:2004/oprA1:2020

01-april-2020

Cevni sistemi iz polimernih materialov za napeljave z vročo in hladno vodo - Zamreženi polietilen (PE-X) - 3. del: Fitingi - Dopolnilo A1 (ISO 15875-3:2003/DAM 1:2020)

Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 3: Fittings - Amendment 1 (ISO 15875-3:2003/DAM 1:2020)

Kunststoff-Rohrleitungssysteme für die Warm- und Kaltwasserinstallation - Vernetztes Polyethylen (PE-X) - Teil 3: Formstücke - Änderung 1 (ISO 15875-3:2003/DAM 1:2020)

Systèmes de canalisations en plastique pour les installations d'eau chaude et froide - Polyéthylène réticulé (PE-X) - Partie 3: Raccords - Amendement 1 (ISO 15875-3:2003/DAM 1:2020)

Ta slovenski standard je istoveten z: **EN ISO 15875-3:2003/prA1**

ICS:

23.040.45	Fitingi iz polimernih materialov	Plastics fittings
91.140.60	Sistemi za oskrbo z vodo	Water supply systems

SIST EN ISO 15875-3:2004/oprA1:2020 **en**

DRAFT AMENDMENT

ISO 15875-3:2003/DAM 1

ISO/TC **138**/SC **2** Secretariat: **SNV**

Voting begins on: **2020-02-19**

Voting terminates on: **2020-05-13**

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

Part 3: **Fittings**

AMENDMENT 1

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

Partie 3: Raccords

AMENDEMENT 1

ICS: 23.040.45; 91.140.60

This document is circulated as received from the committee secretariat.

Reference number
ISO 15875-3:2003/DAM 1:2020(E)

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Published in Switzerland

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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 — Crosslinked polyethylene (PE-X) —

Part 3: Fittings

AMENDMENT 1

Page 1, Clause 2

Replace the normative reference:

EN 578, *Plastics piping systems — Plastics pipes and fittings — Determination of the opacity*

with

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

Page 2, Clause 2

Replace the normative reference:

EN 579, *Plastics piping systems — Crosslinked polyethylene (PE-X) pipes — Determination of degree of crosslinking by solvent extraction*

with

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 normative reference:

EN 921, *Plastics piping systems — Thermoplastics pipes — Determination of resistance to internal pressure at constant temperature*

with

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 1167-3, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure — Part 2: Preparation of components*

ISO 1167-4, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure — Part 4: Preparation of assemblies*

Replace the normative reference:

EN 12107, *Plastics piping systems — Injection-moulded thermoplastics fittings, valves and ancillary equipment — Determination of the long-term hydrostatic strength of thermoplastics materials for injection moulding of piping components*

with

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 1167-3, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure — Part 2: Preparation of components*

ISO 1167-4, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure — Part 4: Preparation of assemblies*

Page 3, Table 1

Replace the test method "EN 921" and "EN 12107" with "ISO 1167-1/-3/-4".

Page 4, Clause 4.1.2.1

Replace the test method "EN 921" and "EN 12107" with "ISO 1167-1/-3/-4".

Page 4, Clause 4.1.2.2

Replace the test method "EN 921" and "EN 12107" with "ISO 1167-1/-3/-4".

Page 5, Clause 5.2

Replace the test method "EN 578" with "ISO 7686".

Page 6, Table 3

Replace the existing Table 3 with the new Table 3 below, where larger dimensions (180 mm to 250 mm) have been added. The dimensions of 16 mm to 160 mm have been unchanged from the ISO 15875-3:2003 version.

Table 3 — Socket dimensions for electrofusion fittings

Dimensions in millimetres

Nominal diameter of the fitting	Minimum mean inside diameter[a] of fusion zone	Nominal length of fusion zone	Depth of penetration	
d_n	$D_{1,min}$	$L_{2,min}$	$L_{1,min}$	$L_{1,max}$
16	16,1	10	20	35
20	20,1	10	20	37
25	25,1	10	20	40
32	32,1	10	20	44
40	40,1	10	20	49
50	50,1	10	20	55
63	63,2	11	23	63
75	75,2	12	25	70
90	90,2	13	28	79
110	110,3	15	32	85
125	125,3	16	35	90
140	140,3	18	38	95
160	160,4	20	42	101
180	180,4	21	46	105
200	200,4	23	50	112
225	225,5	26	55	120
250	250,5	30	73	129

[a] In piping systems that involve spigot trimming, smaller values for D_1 are permitted if in conformance to the manufacturer's specification.

Page 8, Clause 8

Replace the test method "EN 579" with "ISO 10147".

