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**Cevni sistemi iz polimernih materialov za oskrbo z vodo in za podzemne in nadzemne sisteme odvodnjavanja, kanalizacije ter namakanja pod tlakom - Orientiran nemehčan polivinilklorid (PVC-O) - 1. del: Splošno**

Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 1: General

Kunststoff-Rohrleitungssysteme für die Wasserversorgung und für erdverlegte und nicht erdverlegte Entwässerungs-, Abwasser- und Bewässerungsdruckleitungen - Orientiertes weichmacherfreies Polyvinylchlorid (PVC-O) - Teil 1: Allgemeines

Systèmes de canalisations en plastique pour l'alimentation en eau, les branchements et collecteurs d'assainissement et les systèmes d'irrigation sous pression, enterrés ou aériens - Poly(chlorure de vinyle) non plastifié orienté (PVC-O) - Partie 1 : Généralités

**Ta slovenski standard je istoveten z: prEN 17176-1**

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**ICS:**

23.040.20	Cevi iz polimernih materialov	Plastics pipes
91.140.80	Drenažni sistemi	Drainage systems
93.030	Zunanji sistemi za odpadno vodo	External sewage systems

**oSIST prEN 17176-1:2018****en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN 17176-1**

October 2017

ICS 23.040.20; 23.040.45

English Version

Plastics piping systems for water supply and for buried  
and above ground drainage, sewerage and irrigation under  
pressure - Oriented unplasticized poly(vinyl chloride)  
(PVC-O) - Part 1: General

Kunststoff-Rohrleitungssysteme für die  
Wasserversorgung und für erdverlegte und nicht  
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Bewässerungsdruckleitungen - Orientiertes  
weichmacherfreies Polyvinylchlorid (PVC-O) - Teil 1:  
Allgemeines

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 155.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (prEN 17176-1:2017) has been prepared by Technical Committee CEN/TC 155 “Plastics piping systems and ducting systems”, the secretariat of which is held by NEN.

This document is currently submitted to the CEN Enquiry.

prEN 17176 consists of the following parts, under the general title *Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure — Oriented unplasticized poly(vinyl chloride) (PVC-O)*:

- a) *Part 1: General* (this document);
- b) *Part 2: Pipes*;
- c) *Part 3: Fittings*;
- d) *Part 5: Fitness for purpose of the system*;
- e) *Part 7: Guidance for assessment of conformity*<sup>1)</sup>.

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1) Currently in preparation.

**prEN 17176-1:2017 (E)****Introduction**

The System Standard, of which this is Part 1, specifies the requirements for a piping system made from oriented unplasticized poly(vinyl chloride) (PVC-O) and its components. The piping system is intended to be used for water supply, pressurized drainage and sewerage and irrigation systems to be used underground or above ground where protected to direct sunlight.

In respect of potential adverse effects on the quality of water intended for human consumption, caused by the products covered by this part of prEN 17176, the following are relevant.

- a) This part of prEN 17176 provides no information as to whether or not the products can be used without restriction.
- b) Existing national regulations concerning the use and/or the characteristics of these products remain in force.

Requirements and test methods for PVC-O components and test methods are prEN 17176-1, prEN 17176-2 and prEN 17176-3. For other components (not manufactured from PVC-O) reference is made to the following standards: EN ISO 1452-3 (PVC-U) and EN 12842 (Cast Iron).

This part of prEN 17176 specifies the general characteristics the plastics piping system composed of pipes, fittings, ancillaries and their joints.

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