

INTERNATIONAL
STANDARD

ISO
7675

First edition
1991-05-15

**Chlorinated poly(vinyl chloride) (PVC-C) pipes
and fittings for soil and waste discharge (low
and high temperature) systems inside
buildings — Specifications**

*Tubes et raccords en poly(chlorure de vinyle) chloré (PVC-C) pour les
systèmes d'évacuation d'eaux usées et d'eaux-vannes (à basse et à
haute température) à l'intérieur des bâtiments — Spécifications*



Reference number
ISO 7675:1991(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 7675 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*.

Annexes A, B, C, D, E, F, G, H, J and K form an integral part of this International Standard. Annex L is for information only.

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International Organization for Standardization

Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Chlorinated poly(vinyl chloride) (PVC-C) pipes and fittings for soil and waste discharge (low and high temperature) systems inside buildings — Specifications

1 Scope

This International Standard lays down the specifications for chlorinated poly(vinyl chloride) (PVC-C) pipes and fittings, with nominal outside diameters of 32 mm to 160 mm, intended for domestic installation inside buildings for soil and waste discharge pipe lines for the transportation of domestic waste waters¹⁾ (low and high temperature), including the ventilation of these pipes.

It may also be applied to pipes, fittings and joints for discharges of industrial origin, provided chemical and temperature resistance is taken into account.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 179:1982, *Plastics — Determination of Charpy impact strength of rigid materials*.

ISO 265-1:1988, *Pipes and fittings of plastics materials — Fittings for domestic and industrial waste pipes — Basic dimensions: Metric series — Part 1: Unplasticized poly(vinyl chloride) (PVC-U)*.

ISO 580:1990, *Injection-moulded unplasticized poly(vinyl chloride) (PVC-U) fittings — Oven test — Test method and basic specifications*.

ISO 1043-1:1987, *Plastics — Symbols — Part 1: Basic polymers and their special characteristics*.

ISO 2505:1981, *Unplasticized polyvinyl chloride (PVC) pipes — Longitudinal reversion — Test methods and specification*.

ISO 2507:1982, *Unplasticized polyvinyl chloride (PVC) pipes and fittings — Vicat softening temperature — Test method and specification*.

ISO 3127:1980, *Unplasticized polyvinyl chloride (PVC) pipes for the transport of fluids — Determination and specification of resistance to external blows*.

ISO 3608:1976, *Chlorinated polyvinyl chloride (CPVC) pipes — Tolerances on outside diameters and wall thicknesses*.

ISO/TR 7024:1985, *Above-ground drainage — Recommended practice and techniques for the installation of unplasticized polyvinyl chloride (PVC-U) sanitary pipework for above-ground systems inside buildings*.

ISO 8283-1:1991, *Plastics pipes and fittings — Dimensions of sockets and spigots for discharge systems inside buildings — Part 1: Unplasticized poly(vinyl chloride) (PVC-U) and chlorinated poly(vinyl chloride) (PVC-C)*.

1) For the definition of the term "domestic waste waters" refer to annex A or, alternatively, to national regulations.