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Plastics piping systems for water supply — Unplasticized poly(vinyl chloride)(PVC-U) and oriented PVC-U (PVC-O) — Guidance for installation

Systèmes de canalisations en plastique pour l'alimentation en eau — Polychlorure de vinyle non plastifié (PVC-U) et orienté PVC-U (PVC-O) — Pratique recommandée pour la pose



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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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Foreword

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The committee responsible for this document is ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 2, *Plastics pipes and fittings for water supplies*.

This second edition cancels and replaces the first edition (ISO/TR 4191:1989), which has been technically revised.

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Introduction

This Technical Report is a guidance document and gives a recommended practice for the installation of unplasticized poly(vinyl chloride) (PVC-U) and oriented unplasticized poly(vinyl chloride) (PVC-O) piping systems conveying water under pressure for buried and above-ground drainage and sewerage systems.

Molecular orientation of PVC-U results in the improvement of physical and mechanical properties.

Unless specifically mentioned, the recommendations are valid for both PVC-U and PVC-O and expressed as PVC.