

ICS 83.140.30

CCS G33



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 18477.2-2011

**Unplasticized polyvinyl chloride (PVC-U) structure wall pipeline
system for underground soil waste and draindge - Part 2:
Ultra-Rib pipes**

埋地排水用硬聚氯乙烯(PVC-U)结构壁管道系统 第2部分：加筋管材

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Quarantine of the People's Republic of China;
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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms, definitions and symbols
- 3.1 Terms and Definitions

Foreword

GB/T 18477 "buried drainage with a hard polyvinyl chloride (PVC-U) structure wall pipeline system" is divided into three parts.

--- Part 1. double wall corrugated pipe;

--- Part 2. Reinforced Pipe;

--- Part 3. Axial hollow double-wall pipes. This section GB/T Part of 218,477. This standard was drafted in accordance with GB/T 1.1-2009 given rules. This portion of the reference of ISO 21138-1.2007 "non-pressure underground drainage and sewerage - Thermoplastics piping systems for rigid polyvinyl chloride (PVC- U), polypropylene (PP) and polyethylene (PE) structured wall piping systems - Part 1. pipes, fittings and the system materials specifications and performance requirements. " And ISO 21138-3.2007 "non-pressure underground drainage and sewerage - Thermoplastics piping systems made of PVC (PVC-U), polypropylene (PP) And polyethylene (PE) structure wall pipeline systems - Part 3. Type B is not smooth outer pipes and fittings "in the wall structure on hard PVC Requirements pipe section. Please note that some of the content of this section may involve patents. This part of the release mechanism should not bear the responsibility to identify these patents. This part is proposed by the China National Light Industry Council. This part of the National Plastics Standardization Technical Committee of plastic pipe, fittings and valves at the Technical Committee (SAC/TC48 / SC3) centralized. This section drafted by: AD Plastic Industry Group Co., Ltd., Tianjin Star Army Pipe Manufacturing Co., Ltd., Foshan Gaoming Gu plastic Limited Secretary, Anhui high-tech management Technology Limited. The main drafters of this section. Huang Jian, Xiacheng Wen, Song Bo, Liu Yong. Underground drainage Hard polyvinyl chloride (PVC-U) structure wall pipeline system Part 2. Reinforced Pipe

1 Scope

GB/T 18477.2-2011 is the Chinese national standard on unplasticized polyvinyl chloride (pvc-u) structure wall pipeline system for underground soil waste and draindge - part 2:

ultra-rib pipes, in the field of rubber and plastic industries. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 30 December 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2012.

Classification: ICS 83.140.30, CCS G33. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

GB/T 18477 provisions of this part of the polyvinyl chloride resin (PVC) as the main raw material, extrusion used in municipal engineering, Outdoor public buildings, residential quarters buried sewage, drainage, exhaust, communication cable threading with buried (PVC-U) reinforced with a hard PVC The definition of pipe (hereinafter referred to as tubes), symbols, material, product classification and marking, pipe connection structure, requirements, test methods, inspection Rules and signs, transportation and storage. This section applies to system operating pressure is less than 0.2MPa, nominal size of not more than 300mm of low pressure water and sewage pipes. Taking into account the material temperature resistance, chemical resistance and later, also for industrial engineering drainage and sewerage pipes.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document. 1033.1-2008 non-plastic foam density measurement GB/T Part 1. Immersion method, liquid pycnometer method and titration method

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. Press to accept the quality limit (AQL) retrieval batch test sample plan

GB/T 2918-1998 plastic sample conditioning and testing of the standard environment

GB/T 6111-2003 conveyance of fluids within the thermoplastic pipe pressure test method

GB/T 8802-2001 Thermoplastics pipes, fittings Vicat softening temperature measured Determination of

GB/T 8806-2008 Plastics piping systems for plastic parts size Determination of

GB/T 9647-2003 thermoplastic pipe ring stiffness

GB/T 14152-2001 thermoplastic pipe resistance to external impact performance test clock method

GB/T 18042-2000 Test method for thermoplastic pipe creep ratio

GB/T 19278-2003 Thermoplastics pipes, fittings and valves General terms and their definitions

HG/T 3091-2000 rubber seals drainage and sewers with the interface ring material specification

ISO 13968:2008 Plastics piping systems - Thermoplastics pipes - Determination of ring flexibility (Plastics piping and ducting systems - Thermoplastics pipes - Determination of ring flexibility)

3 Terms, definitions and symbols

GB/T 19278-2003 defined in the following terms, definitions and symbols apply to this section.

3.1 Terms and Definitions

3.1.1 Nominal size nominal size, DN/ID And the inner diameter of the relevant nominal dimensions in millimeters (mm).