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(JPPFA/JPIF/JSA)

**Unplasticized poly(vinyl chloride)  
(PVC-U) pipe fittings for water  
supply**

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In the event of any doubts arising as to the contents,  
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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan PVC Pipe and Fittings Association (JPPFA)/The Japan Plastics Industry Federation (JPIF)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS K 6743**:2011 is replaced with this Standard.

However, **JIS K 6743**:2011 may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until October 19, 2017.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

# Unplasticized poly(vinyl chloride) (PVC-U) pipe fittings for water supply

## Introduction

This Japanese Industrial Standard has been prepared based on the first editions of **ISO 1452-1** and **ISO 1452-3** published in 2009 with some modifications of the technical contents including addition of requirements concerning product dimensions, performance and their test methods that are widely used in Japan.

Sidelines or dotted underlines indicate changes from the corresponding International Standards. A list of modifications with explanations is given in Annex JC.

## 1 Scope

This Standard specifies unplasticized poly(vinyl chloride) (PVC-U) pipe fittings and impact-resistant unplasticized poly(vinyl chloride) (PVC-U) pipe fittings (hereafter referred to as fittings) used mainly for adhesion-jointing of the unplasticized poly(vinyl chloride) (PVC-U) pipes for water supply specified in **JIS K 6742**.

**NOTE :** The International Standards corresponding to this Standard and the symbol of degree of correspondence between **JIS** and the International Standards are as follows.

ISO 1452-1:2009 *Plastics piping systems for water supply and for buried and above-ground drainage and sewerage under pressure—Unplasticized poly(vinyl chloride) (PVC-U)—Part 1: General*

ISO 1452-3:2009 *Plastics piping systems for water supply and for buried and above-ground drainage and sewerage under pressure—Unplasticized poly(vinyl chloride) (PVC-U)—Part 3: Fittings (overall evaluation: MOD)*

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are **IDT** (identical), **MOD** (modified), and **NEQ** (not equivalent) according to **ISO/IEC Guide 21-1**.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent edition (including amendments) shall be applied.

JIS B 0203 *Taper pipe threads*

**NOTE :** Corresponding International Standard: ISO 7-1:1994 *Pipe threads where pressure-tight joints are made on the threads—Part 1: Dimensions, tolerances and designation (MOD)*

JIS B 0205-2 *ISO general purpose metric screw threads—Part 2: General plan*

JIS B 7502 *Micrometers*