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(JXPA/JPIF/JSA)

**Crosslinked polyethylene (PE-X) 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 Cross Linked Polyethylene Pipe Association (JXPA)/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 6788:2011** is replaced with this Standard.

However, **JIS K 6788: 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 March 21, 2017.

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# Crosslinked polyethylene (PE-X) pipe fittings for water supply

## Introduction

This Japanese Industrial Standard has been prepared based on the first edition of ISO 15875-3 published in 2003 with some modifications of the technical contents. The last revision was made in 2011, and the revision at this time is to follow the ordinance of the Ministry of Health, Labour and Welfare in describing the criteria for leaching.

The portions given sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JD.

## 1 Scope

This Standard specifies pipe fittings (hereafter referred to as “fittings”) for jointing crosslinked polyethylene (PE-X) pipes with a working pressure of 0.75 MPa or lower (hereafter referred to as “pipes”) specified in JIS K 6787, to be mainly used for indoor piping of water works. Crosslinked polyethylene pipe fittings are covered by JIS K 6770.

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

ISO 15875-3 : 2003 *Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) — Part 3 : Fittings* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard 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. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS S 0251 *Limit gauges for metric screw threads*

JIS B 0253 *Gauges for taper pipe threads*

JIS B 0254 *Limit Gauges for Parallel Pipe Threads*

JIS B 7502 *Micrometer callipers*

JIS B 7507 *Vernier, dial and digital callipers*

JIS K 6770 *Crosslinked polyethylene (PE-X) pipe fittings*

JIS K 6787 *Crosslinked polyethylene (PE-X) pipes for water supply*