

# JIS

JAPANESE  
INDUSTRIAL  
STANDARD

Translated and Published by  
Japanese Standards Association

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**JIS K 6769** : 2004

(JXPA/JPIF/JSA)

**Crosslinked polyethylene (PE-X)  
pipes**

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ICS 23.040.20; 83.140.30; 91.140.60

Reference number : **JIS K 6769 : 2004 (E)**

## 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 6769** : 1999 is replaced with this Standard.

This revision has been made based on **ISO 15875-2** : 2003 *Plastics piping systems for hot and cold water installations—Crosslinked polyethylene (PE-X)—Part 2 : Pipes* for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

Date of Establishment: 1991-02-01

Date of Revision: 2004-03-20

Date of Public Notice in Official Gazette: 2004-03-22

Investigated by: Japanese Industrial Standards Committee  
Standards Board

Technical Committee on Chemical Products

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JIS K 6769 : 2004, First English edition published in 2004-07

Translated and published by: Japanese Standards Association  
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

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In the event of any doubts arising as to the contents,  
the original JIS is to be the final authority.

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Printed in Japan

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## Crosslinked polyethylene (PE-X) pipes

**Introduction** This Japanese Industrial Standard has been prepared based on **ISO 15875-2** *Plastics piping systems for hot and cold water installations—Crosslinked polyethylene (PE-X)—Part 2 : Pipes* published in 2003 with some modifications of the technical contents.

Portions given sidelines or dotted underlines are the matters modified from the original International Standard. The list of modifications with their explanations is given in annex 6 (informative).

**1 Scope** This Standard specifies the crosslinked polyethylene pipes (hereafter referred to as “pipes”) to be mainly used for the conveyance of water of 95 °C or lower in temperature.

- Remarks 1 The crosslinked polyethylene pipes for water supply shall be in accordance with **JIS K 6787**.
- 2 The International Standard corresponding to this Standard is as follows.

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**.

ISO 15875-2 : 2003 *Plastics piping systems for hot and cold water installations—Crosslinked polyethylene (PE-X)—Part 2 : Pipes* (MOD)

**2 Normative references** The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 7502 *Micrometer callipers*

JIS B 7507 *Vernier, dial and digital callipers*

JIS K 0050 *General rules for chemical analysis*

JIS K 6770 *Crosslinked polyethylene (XPE) pipe fittings*

JIS K 6787 *Crosslinked polyethylene (XPE) pipes for water works*

JIS K 6796 *Pipes and fitting made of crosslinked polyethylene (PE-X)—Estimation of the degree of crosslinking by determination of the gel content*

JIS K 6900 *Plastics—Vocabulary*

JIS K 7162 *Plastics—Determination of tensile properties Part 2 : Test conditions for moulding and extrusion plastics*

JIS K 8001 *General rule for test methods of reagents*

JIS K 8005 *Reference materials for volumetric analysis*