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(JRMA/JSA)

**Rubber and plastics hoses — Part 7:
Assessment of ozone resistance under
static conditions**

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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 The Japan Rubber Manufacturers Association (JRMA)/ 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 6330-7 : 1998** is replaced with this Standard.

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JIS K 6330 series consists of the following 10 parts.

- K 6330-1 *Testing methods for rubber and plastics hoses — Part 1: Methods of measurement of dimensions for hoses and hose assemblies*
- K 6330-2 *Testing methods for rubber and plastics hoses — Part 2: Hydrostatic testing*
- K 6330-3 *Testing methods for rubber and plastics hoses — Part 3: Determination of suction resistance*
- K 6330-4 *Testing methods for rubber and plastics hoses — Part 4: Sub-ambient temperature flexibility tests*
- K 6330-5 *Testing methods for rubber and plastics hoses — Part 5: Determination of electrical resistance*
- K 6330-6 *Rubber and plastics hoses — Part 6: Determination of adhesion between components*
- K 6330-7 *Rubber and plastics hoses — Part 7: Assessment of ozone resistance under static conditions*
- K 6330-8 *Testing methods for rubber and plastics hoses — Part 8: Hydraulic pressure impulse test without flexing*
- K 6330-9 *Testing methods for rubber and plastics hoses — Part 9: Bending properties of hoses and tubing*
- K 6330-10 *Testing methods for rubber and plastics hoses — Part 10: Determination of transmission of liquids through hose walls*

Rubber and plastics hoses — Part 7 : Assessment of ozone resistance under static conditions

Introduction

This Japanese Industrial Standard has been prepared based on the third edition of **ISO 7326** published in 2006 with some modifications of the technical contents.

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

1 Scope

This Standard specifies five methods for determining the ozone resistance of the outer cover of hoses.

Method A : applicable to hose of 25 mm or under in inside diameter, and carried out on a hose-shape test piece

Method B : applicable to hose of over 25 mm in inside diameter, and carried out on a test piece sampled from hose

Method C : applicable to hose of over 25 mm in inside diameter, and carried out on a test piece sampled from outer cover of hose

Method D : carried out on a hose-shape test piece, regardless of inside diameter

Method E : applicable to expandable hose such as textile-reinforced, and carried out on a hose-shape test piece, regardless of inside diameter

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

ISO 7326 : 2006 *Rubber and plastics hoses — Assessment of ozone resistance under static conditions* (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 K 6200 *Rubber — Vocabulary*

JIS K 6250 *Rubber — General procedures for preparing and conditioning test pieces for physical test methods*