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Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by The Japan Rubber Manufacturers Association (JRMA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act.

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JIS K6330 series consists of the following 11 parts:

- JIS K 6330-1 Testing methods for rubber and plastics hoses Part 1: Methods of measurement of dimensions for hoses and hose assemblies
- JIS K 6330-2 Rubber and plastics hoses and hose assemblies Part 2: Hydrostatic testing
- JIS K 6330-3 Testing methods for rubber and plastics hoses and hose assemblies — Part 3 : Determination of resistance to vacuum
- JIS K 6330-4 Testing methods for rubber and plastics hoses Part 4:Sub-ambient temperature flexibility tests
- JIS K 6330-5 Testing methods for rubber and plastics hoses Part 5: Determination of electrical resistance
- JIS K 6330-6 Rubber and plastics hoses Part 6 : Determination of adhesion between components
- JIS K 6330-7 Rubber and plastics hoses Part 7: Assessment of ozone resistance under static conditions
- JIS K 6330-8 Testing methods for rubber and plastics hoses Part 8: Hydraulic-pressure impulse test without flexing
- JIS K 6330-9 Testing methods for rubber and plastics hoses Part 9: Bending properties of hoses and tubing
- JIS K 6330-10 Testing methods for rubber and plastics hoses Part 10: Determination of transmission of liquids through hose walls
- JIS K 6330-11 Testing methods for rubber and plastics hoses Part 11: Determination of abrasion resistance of the outer cover

Testing methods for rubber and plastics hoses — Part 11: Determination of abrasion resistance of the outer cover

1 Scope

This Japanese Industrial Standard specifies a method for the determination of abrasion resistance of the outer cover of rubber and plastics hoses. This standard is applicable to hoses with nominal diameters of 5 to 51 and also to hoses with other nominal diameters.

WARNING Persons using this Standard should be familiar with normal laboratory practice. This Standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this Standard to establish appropriate safety and health practices.

2 Normative references

Part or all of the provisions of the following standards, 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 B 7507	Geometrical product specifications (GPS) — Dimensional measuring
	equipment — Vernier, dial and digital callipers

- JIS B 7516 Metal rules
- JIS K 6200 Rubber Vocabulary
- JIS K 6250 Rubber General procedures for preparing and conditioning test pieces for physical test methods
- JIS K 6264-1 Rubber, vulcanized or thermoplastic Determination of abrasion resistance — Part 1: Guide
- JIS K 6264-2 Rubber, vulcanized or thermoplastic Determination of abrasion resistance — Part 2: Testing methods
- JIS R 6210 Vitrified grinding wheels
- JIS R 6211-1 Bonded abrasive products Dimensions Part 1 : Grinding wheels for external cylindrical grinding between centres

JIS Z 8401 Rounding of numbers

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given in **JIS K 6200**, **JIS K 6264-1** and **JIS K 6264-2** apply.

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