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**Rubber and plastics hoses — Part 6:
Determination of adhesion between
components**

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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 of 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 6330-6** : 1998 is replaced with this Standard.

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JIS K 6330 series consists of the following 10 parts under the general title: "*Rubber and plastics hoses*":

Part 1 : Methods of measurement of dimensions for hoses and hose assemblies

Part 2 : Hydrostatic testing

Part 3 : Determination of suction resistance

Part 4 : Sub-ambient temperature flexibility tests

Part 5 : Determination of electrical resistance

Part 6 : Determination of adhesion between components

Part 7 : Assessment of ozone resistance under static conditions

Part 8 : Hydraulic-pressure impulse test without flexing

Part 9 : Bending properties of hoses and tubing

Part 10 : Determination of transmission of liquids through hose walls

Rubber and plastics hoses — Part 6 : Determination of adhesion between components

Introduction

This Japanese Industrial Standard has been prepared based on the third edition of ISO 8033 published in 2006 with some modifications of the technical contents.

The portions with 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 JA.

1 Scope

This Standard specifies methods for the determination of the adhesion between lining and reinforcement, between cover and reinforcement, between reinforcement layers, between cover and outer lamination (thin layer of material outside the cover for protection) and between lining and inner lamination (thin layer of material inside the lining to reduce permeation of fluid into the lining) of rubber and plastics hoses (hereafter referred to as the “hoses”).

It covers the following types of hose construction :

- woven textile fabric;
- braided textile fabric;
- knitted textile fabric;
- circular-woven textile fabric;
- textile spiral;
- textile cord;
- wire braid;
- wire spiral;
- hoses containing a supporting helix.

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

ISO 8033 : 2006 *Rubber and plastics hoses — Determination of adhesion between components* (MOD)

The symbols which denote the degree of correspondence in the contents in the corresponding International Standard and JIS are IDT (identical), MOD (modified) and NEQ (not equivalent) according to ISO/IEC Guide 21-1.