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permeability of textiles**

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Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Testing location	3
5 Sampling and preparation of samples and test specimens	3
6 Classification of tests	3
7 Test methods	4
7.1 Method A	4
7.2 Method B	7
7.3 Method C (sweating guarded-hotplate method)	10
8 Test report	10
Annex A (normative) Method C (sweating guarded-hotplate method)	11
Annex AA (normative) Mounting procedure for specimens containing loose filling materials or having uneven thickness	21
Annex AB (normative) Determination of correction terms for heating power	22
Annex AC (informative) Guidance on test specimen assembly for materials prone to swelling	24
Annex JA (informative) Comparison table between JIS and corresponding International Standards	26

Foreword

This Japanese Industrial Standard has been 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 Textile Evaluation Technology Council (JTETC)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS L 1099** : 2012), which has been technically revised.

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Test methods for water vapour permeability of textiles

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 11092** : 2014, Edition 2 and **ISO 15496** : 2018, Edition 2, with some modifications of the technical contents in order to reflect the actual use situation in Japan.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies the test methods for water vapour permeability of textiles.

These test methods are not appropriate for highly air-permeable textiles such as extremely thin textiles (e.g. lawn) and textiles with extremely low density (e.g. organdie).

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

ISO 11092 : 2014 *Textiles — Physiological effects — Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test)*

ISO 15496 : 2018 *Textiles — Measurement of water vapour permeability of textiles for the purpose of quality control (overall evaluation : MOD)*

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

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 K 0050	<i>General rules for chemical analysis</i>
JIS K 8125	<i>Calcium chloride (for U-tube) (Reagent)</i>
JIS K 8363	<i>Potassium acetate (Reagent)</i>
JIS L 0105	<i>General principles of physical testing methods for textiles</i>
JIS Z 8401	<i>Rounding of numbers</i>