

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS S 2038 : 2007

(JHIA)

Wicks for oil burning appliances

This document has incorporated the erratum to the Japanese version issued in April, 2007.

ICS 27.060.10

Reference number: JIS S 2038 : 2007 (E)

PROTECTED BY COPYRIGHT

9 S

S 2038 : 2007

Date of Establishment: 1965-02-01

Date of Revision: 2007-03-20

Date of Public Notice in Official Gazette: 2007-03-20

Investigated by: Japanese Industrial Standards Committee

Standards Board

Technical Committee on Consumer Life Products

JIS S 2038 : 2007, First English edition published in 2026-02

Translated and published by: Japanese Standards Association
Mita Avanti, 3-11-28, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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

© JSA 2026

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

HN

PROTECTED BY COPYRIGHT

Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Classification	1
4 Quality performance	2
5 Dimensions	3
6 Appearance	4
7 Test methods	5
7.1 Test conditions	5
7.2 Measurement of suction volume	5
7.3 Measurement method of suction speed	5
7.4 Test of tensile strength after thermal ageing	6
7.5 Test of compatibility with appliance	7
7.6 Corrosion resistance test	7
7.7 Dimensional test	7
8 Inspection	8
8.1 Type inspection	8
8.2 Product inspection	9
9 Designation of product	10
10 Marking	10
11 Instruction manual	10
Annex A (normative) Transitional provision for JIS S 2038	12

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 HEATING APPLIANCES INSPECTION ASSOCIATION (JHIA) with the draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applicable to the case of revision by the provision of Article 14.

Consequently **JIS S 2038** : 2001 is replaced with this Standard.

This **JIS** document is protected by the Copyright Act.

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. 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.

Wicks for oil burning appliances

Introduction

This Japanese Industrial Standard was established in 1965 under the title “Wicks for Oil Burning Appliances” with the aim of standardizing requirements for fibrous wicks used for oil burning appliances, then revised under the same title in 1984.

This revision has been undertaken to revise the test methods and to update the layout, etc. according to the new layout and drafting rules of **JIS Z 8301** which was revised in 2005. This revision has also added the marking item “number of this Standard” to the product marking requirements to ensure consistency with relevant ministerial ordinances and Japanese Industrial Standards.

1 Scope

This Standard specifies requirements for fibrous wicks used for oil burning appliances (hereafter referred to as wicks).

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 G 4305 *Cold-rolled stainless steel plate, sheet and strip*

JIS K 2203 *Kerosine*

JIS S 2016 *Oil burning cooking stoves*

JIS S 2019 *Open type natural ventilating oil burning space heaters*

JIS S 3031 *General rules for test methods of oil burning appliances*

JIS Z 2371 *Methods of salt spray testing*

3 Classification

Wicks covered by this Standard are those built into the appliance by the appliance manufacturer (hereafter referred to as built-in wicks) and those used for replacement (hereafter referred to as replacement wicks), and classified according to the shape and processing method as shown in Table 1.