



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS Z 1541 : 2009

(JATMA/JSA)

**High potential pressure sensitive
adhesive double coated tapes**

ICS 55.040; 83.180

Reference number : JIS Z 1541 : 2009 (E)

Date of Establishment: 1998-12-20

Date of Revision: 2009-12-21

Date of Public Notice in Official Gazette: 2009-12-21

Investigated by: Japanese Industrial Standards Committee
Standards Board

Technical Committee on Consumer Life Products

JIS Z 1541:2009, First English edition published in 2010-10

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

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

© JSA 2010

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

Contents

	Page
Introduction.....	1
1 Scope.....	1
2 Normative references	1
3 Terms and definitions	1
4 Types	1
5 Quality	2
5.1 Performance	2
5.2 Dimensions	3
5.3 Appearance	3
6 Test methods	3
6.1 General condition for tests.....	3
6.2 Adhesive strength test under normal conditions.....	3
6.3 Adhesive strength test after heat resistance treatment	5
6.4 Adhesive strength test after accelerated weathering treatment.....	6
6.5 Adhesive strength test after humidity and heat proof treatment	6
6.6 Heat resistance holding power test	6
7 Designation.....	8
8 Marking and packaging.....	8
8.1 Marking.....	8
8.2 Packaging	8
9 Cautions for storage and handling	8
Annex A (normative) Chemical composition of aluminium foil	9
Annex B (normative) Surface treatment method of aluminium foil	10

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 Japan Adhesive Tape Manufacturer Association (JATMA)/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 Z 1541:2004** is replaced with this Standard.

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

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 which have technical properties. 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 which have the said technical properties.

High potential pressure sensitive adhesive double coated tapes

Introduction

This Japanese Industrial Standard was established in 1998 and has gone through 2 revisions to this day. The last revision was made in 2004 and the revision at this time is to correspond to the revision of **JIS Z 0237** that was the normative reference afterwards.

The corresponding International Standard has not yet been published at this moment.

1 Scope

This Standard specifies the high potential pressure sensitive adhesive double coated tapes (hereafter referred to as “tapes”), which have high adhesive power, excellent heat resistance, and of which a part of the load applied to the joint part, etc. can be borne.

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 A 1415 *Methods of exposure to laboratory light sources for polymeric material of buildings*

JIS B 7721 *Tension/compression testing machines—Verification and calibration of the force-measuring system*

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

JIS H 8688 *Test method for determination of mass per unit area of anodic oxide coatings on aluminium and aluminium alloys—Gravimetric method*

JIS Z 0109 *Glossary of terms used in pressure sensitive adhesive tapes and sheets*

JIS Z 0237 *Testing methods of pressure-sensitive adhesive tapes and sheets*

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS Z 0109** apply.

4 Types

The tapes shall be classified according to adhesive strength under normal conditions, adhesive strength after heat treatment, adhesive strength after accelerated weathering, and humidity and heat proof treatment, and heat resistance holding power. The types shall be as given in table 1.