



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS R 3414 : 2012

(GFA/JSA)

Textile glass fabrics

ICS 59.100.10

Reference number : JIS R 3414 : 2012 (E)

PROTECTED BY COPYRIGHT

 **Documents**
Document Sharing Hub
8 5

Date of Establishment: 1965-09-01

Date of Revision: 2012-05-21

Date of Public Notice in Official Gazette: 2012-05-21

Investigated by: Japanese Industrial Standards Committee
Standards Board
Technical Committee on Ceramics

JIS R 3414 : 2012, First English edition published in 2014-05

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, 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 2014

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

NH/HN

 **Documents**
Document Sharing Hub

PROTECTED BY COPYRIGHT

Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Classification	1
5 Quality	1
6 Appearance	3
7 Test methods	4
7.1 Width	4
7.2 Density (count)	4
7.3 Thickness	4
7.4 Length	4
7.5 Mass (mass per square metre)	4
7.6 Tensile strength	4
7.7 Appearance	5
8 Inspection	5
9 Packaging	5
10 Marking	6
Annex A (normative) Type and quality of textile glass fabrics	7

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 Glass-fiber Association of Japan (GFA)/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 R 3414:2006** is replaced with this Standard.

However, **JIS R 3414:2006** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until November 20, 2012.

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

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

Textile glass fabrics

Introduction

This Japanese Industrial Standard was established in 1965 and has gone through seven revisions to this day. The last revision was made in 2006, and it has been revised to correspond to the subsequent revisions of **JIS R 3416** and **JIS R 3420**.

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

1 Scope

This Standard specifies the untreated textile glass fabrics woven by using the textile glass yarn specified in **JIS R 3413**, the textile glass yarn in accordance with it and the yarns processed by using it. However, glass staple yarn fabrics and glass woven roving fabrics are excluded.

NOTE : The “untreated” means the as-woven condition.

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 L 0101 *Tex system to designate linear density of fibres, yarn intermediates, yarns and other textile materials*

JIS R 3410 *Glossary of terms relating to textile glass*

JIS R 3413 *Textile glass yarns*

JIS R 3420 *Testing methods for textile glass products*

JIS R 3911 *Reinforcement yarns — Determination of linear density*

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS R 3410** apply.

4 Classification

The type of textile glass fabrics and the symbol to indicate the type shall be as given in table A.1 and table A.2.

5 Quality

The quality of textile glass fabrics, when tested in accordance with clause 7, shall conform to the requirements in each of the following items.