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 **JIS L 3203** : 2002

Jute felts

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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 in accordance with the Industrial Standardization Law. Consequently **JIS L 3203 : 1995** is replaced with **JIS L 3203 : 2002**.

Date of Establishment: 1966-01-01

Date of Revision: 2002-03-20

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Standards Board
Technical Committee on Consumer Life
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Jute felts

Introduction This Japanese Industrial Standard to which no International Standards correspond was developed in 1966 as the quality standard for jute felts in Japan.

In the revision on this occasion, the titles of the standards which applied to this Standard as the normative references were changed along with their revision and the form of presentation was also changed in accordance with **JIS Z 8301**.

1 Scope This Standard specifies jute felts.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 1501 *Steel balls for ball bearings*

JIS B 7507 *Vernier, dial and digital callipers*

JIS B 7512 *Steel tape measures*

JIS B 7516 *Metal rules*

JIS B 7721 *Verification of the force measuring system of the tensile testing machine*

JIS K 8593 *Petroleum ether*

JIS L 0105 *General principles of physical testing methods for textiles*

JIS Z 8401 *Guide to the rounding of numbers*

3 Classification Jute felts shall be classified, according to use and quality, into the divisions shown in Table 1.

Table 1 Classification

Use	Quality
For general use	No. 1, No. 2, No. 3
For greening use	—

4 Quality The quality of jute felts shall be as given in Table 2 and Table 3 when tested as specified in 7.2 to 7.9, and products shall be free from noticeable odor and shall not contain any matters which emit an offensive smell at room temperature and at a temperature of about 80 °C.

Table 2 Quality, for general use

Item	Class			Test method
	No. 1	No. 2	No. 3	
Density g/cm^3	0.14 min.	0.12 min.	0.10 min.	7.2
Compressibility %	10 max.	13 max.	16 max.	7.4
Tensile strength N/cm^2	10 min.	7.0 min.	5.0 min.	7.5
Rebound elasticity %	20 min.			7.6
Moisture content %	15 max.			7.7
Petroleum ether soluble matter content %	5 max.			7.8
Foreign matter content %	5 max.			7.9

Table 3 Quality, for greening use

Item	Quality	Test method
Mass per unit area g/cm^2	0.09 min.	7.3
Compressibility %	10 max.	7.4
Tensile strength N	25 min.	7.5
Moisture content %	15 max.	7.7
Petroleum ether soluble matter content %	5 max.	7.8
Foreign matter content %	5 max.	7.9
Coefficient of water permeability (informative)	1.0×10^{-2} min.	Informative reference

5 Shape and dimensions

5.1 For general use The jute felt for general use shall be belt-shaped and the dimensions shall be as shown in Table 4.

Table 4 Dimensions, for general use

Thickness mm		Width mm		Length m	
Dimension	Tolerance	Dimension	Tolerance	Dimension	Tolerance
6	+1.5 -1.0	Integer multiple of 10	Negative side not allowed	Integer multiple of 1	Negative side not allowed
8					
10					
12					
15	+2.0 -1.0				