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STANDARD

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 **JIS L 3201** : 2002

Wool press 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 3201 : 1997** is replaced with **JIS L 3201 : 2002**.

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4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
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Wool press felts

Introduction This Japanese Industrial Standard to which no International Standards correspond was developed in 1958 as the quality standard for wool press felts in Japan.

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

1 Scope This Standard specifies wool press felts for industrial use in general⁽¹⁾ (hereafter referred to as “felts”).

Note (1) The felts referred here do not contain those having passed the weaving process.

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 K 8161 *Dichloromethane*

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

JIS L 1030-1 *Testing methods for quantitative analysis of fiber mixtures—Part 1 : Testing methods for fiber identification*

JIS L 1030-2 *Testing methods for quantitative analysis of fibre mixtures of textiles—Part 2 : Testing methods for quantitative analysis of fibre mixtures*

JIS R 3503 *Glass apparatus for chemical analysis*

JIS Z 8401 *Guide to the rounding of numbers*

JIS Z 8802 *Methods for determination of pH of aqueous solutions*

3 Classification Felts shall be classified as follows:

- a) R36W
- b) R33W
- c) R28W
- d) R25W1
- e) R25W2
- f) R19W
- g) R25M
- h) R23M
- i) R19M
- j) R17M

4 Quality The quality of felts shall, when tested in accordance with **6.2** to **6.10**, be as shown in Tables 1 to 10.

5 Materials The materials shall be composed mainly of wool and may be mixed with other fibres.

Table 1

Classi- fication	Thickness	Mass per unit area	Width	Length	Wool mixture ratio	Moisture regain	Material soluble in		pH	Tensile strength	Exfoliation strength		
	mm	g/m ²	cm	cm	%	%	Dichloro- methane %	Water %		N/cm ²	N/50 mm		
R36W	1	+0.2 -0.1	360	+ 72 - 36	120 min.	400 min.	95 min.	16 max.	2 max.	3 max.	4 to 8	390 min.	—

Table 2

Classi- fication	Thickness	Mass per unit area	Width	Length	Wool mixture ratio	Moisture regain	Material soluble in		pH	Tensile strength	Exfoliation strength		
	mm	g/m ²					Dichloro- methane %	Water %					
R33W	1	+0.2 -0.1	330	+ 66 - 33	120 min.	400 min.	95 min.	16 max.	2 max.	3 max.	4 to 8	360 min.	—
	2	+0.3 -0.1	660	+ 99 - 33									
	3	+0.4 -0.2	990	+132 - 66									
	4	+0.5 -0.2	1 320	+165 - 66									
	5	+0.5 -0.2	1 650	+165 - 66									
	6	+0.6 -0.2	1 980	+198 - 66									
	7	+0.7 -0.3	2 310	+231 - 99									
	8	+0.8 -0.3	2 640	+264 - 99									
	9	+0.8 -0.3	2 970	+264 - 99									
	10	+0.9 -0.3	3 300	+297 - 99									
	11	+0.9 -0.4	3 630	+297 -132									
	12	+1.0 -0.4	3 960	+330 -132									
	13	+1.0 -0.5	4 290	+330 -165									
	14	+1.1 -0.5	4 620	+363 -165									
	15	+1.1 -0.6	4 950	+363 -198									
	16	+1.2 -0.6	5 280	+396 -198									
	17	+1.3 -0.6	5 610	+429 -198									
	18	+1.3 -0.7	5 940	+429 -231									
	19	+1.4 -0.7	6 270	+462 -231									
	20	+1.5 -0.8	6 600	+495 -264									
	21	+1.6 -0.8	6 930	+528 -264									
	22	+1.7 -0.9	7 260	+561 -297									
	23	+1.7 -0.9	7 590	+561 -297									
	24	+1.7 -1.0	7 920	+561 -330									
	25	+1.8 -1.0	8 250	+594 -330									