

JIS

JAPANESE INDUSTRIAL STANDARD

Polyvinylchloride coated fabric

Ⓔ **JIS K 6772**—1994

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Polyvinylchloride coated fabric

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1. Scope This Japanese Industrial Standard specifies polyvinylchloride coated fabric (hereafter referred to as "fabrics").

Remarks 1. The standards cited in this Standard are as follows.

- JIS B 7503 Dial gauges
- JIS B 7721 Tensile testing machines
- JIS B 7751 Light-exposure and light-and-water-exposure apparatus (enclosed carbon-arc type)
- JIS K 1501 Methanol
- JIS K 8150 Sodium chloride
- JIS K 8355 Acetic acid
- JIS K 9019 Disodium hydrogenphosphate 12-water
- JIS L 0801 General principles of testing methods for colour fastness
- JIS L 0803 Standard adjacent fabrics for staining of colour fastness test
- JIS L 0823 Apparatus for testing of colour fastness to rubbing
- JIS L 0849 Testing method for colour fastness to rubbing
- JIS Z 8401 Rules for rounding off of numerical values

2. The units and numerical values given in { } in this Standard are based on the traditional units, and are informative reference values.

2. Classification The fabrics shall be classified according to the base cloth to be coated and to the existence of foaming in coated film, and classification shall be as shown in Table 1.

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Table 1. Classification

Class		Type of base cloth	Coated film	Class		Type of base cloth	Coated film	
Class 1	No. 1	Twill weave	Non-foamed	Class 3	No. 1	Interlock stitch knitting	Non-foamed	
	No. 2				No. 2		Foamed	
	No. 3		Foamed	Class 4	No. 1	Ordinary knitting	Non-foamed	
	No. 4				No. 2			
Class 2	No. 1	Plain weave	Non-foamed		No. 3			Foamed
	No. 2				No. 4			
	No. 3		Foamed					
	No. 4							

Remarks: Class 1, Class 2, and Class 4 are respectively subclassified into No. 1, No. 2, No. 3, and No. 4 in accordance with the degree of strength given at tensile test, tearing test, and peeling test, and with the existence of foaming; and Class 3 is subclassified into No. 1 and No. 2 in accordance with the existence of foaming in coated film.

3. Properties The properties of fabrics shall comply with the requirements in Table 2 when being tested according to 7.

Table 2. Properties

Items	Test	Classification																Appli- cable test clause
		Class 1				Class 2				Class 3		Class 4						
		No. 1	No. 2	No. 3	No. 4	No. 1	No. 2	No. 3	No. 4	No. 1	No. 2	No. 1	No. 2	No. 3	No. 4			
Tensile load N{kgf}	Ten- sile test	392 {40} min.	245 {25} min.	392 {40} min.	245 {25} min.	196 {20} min.	127 {13} min.	196 {20} min.	127 {13} min.	147 {15} min.	127 {13} min.	98 {10} min.	69 {7} min.	78 {8} min.	39 {6} min.	7.4		
	Trans- verse	265 {27} min.	167 {17} min.	265 {27} min.	167 {17} min.	147 {15} min.	98 {10} min.	127 {13} min.	98 {10} min.	78 {8} min.	69 {7} min.	59 {6} min.	49 {5} min.	49 {5} min.	39 {4} min.			
Elonga- tion %	Longi- tudinal	8 min.	5 min.	8 min.	5 min.	6 min.	4 min.	5 min.	4 min.	20 min.	20 min.	20 min.	16 min.	20 min.	20 min.	7.5		
	Trans- verse	13 min.	10 min.	13 min.	10 min.	13 min.	10 min.	12 min.	10 min.	90 min.	100 min.	70 min.	60 min.	90 min.	80 min.			
Tearing load N{kgf}	Longi- tudinal	19.6 {2.0} min.	12.7 {1.3} min.	19.6 {2.0} min.	12.7 {1.3} min.	7.8 {0.8} min.	6.9 {0.7} min.	7.8 {0.8} min.	6.9 {0.7} min.	9.8 {1.0} min.	9.8 {1.0} min.	5.9 {0.6} min.	4.9 {0.5} min.	5.9 {0.6} min.	4.9 {0.5} min.	7.6		
	Trans- verse	19.6 {2.0} min.	12.7 {1.3} min.	19.6 {2.0} min.	12.7 {1.3} min.	7.8 {0.8} min.	6.9 {0.7} min.	7.8 {0.8} min.	6.9 {0.7} min.	9.8 {1.0} min.	9.8 {1.0} min.	5.9 {0.6} min.	4.9 {0.5} min.	5.9 {0.6} min.	4.9 {0.5} min.			
Peeling load N{kgf}	Longi- tudinal	17.7 {1.8} min.	14.7 {1.5} min.	14.7 {1.5} min.	11.8 {1.2} min.	14.7 {1.5} min.	11.8 {1.2} min.	11.8 {1.2} min.	8.8 {0.9} min.	14.7 {1.5} min.	11.8 {1.2} min.	11.8 {1.2} min.	9.8 {1.0} min.	8.8 {0.9} min.	6.9 {0.7} min.	7.6		
	Trans- verse	17.7 {1.8} min.	14.7 {1.5} min.	14.7 {1.5} min.	11.8 {1.2} min.	14.7 {1.5} min.	11.8 {1.2} min.	11.8 {1.2} min.	8.8 {0.9} min.	14.7 {1.5} min.	11.8 {1.2} min.	11.8 {1.2} min.	9.8 {1.0} min.	8.8 {0.9} min.	6.9 {0.7} min.			