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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 20463-2015

Replacing GB/T 20463.1-2006; GB/T 20463.2-2006

**Rubber-or plastics-coated fabrics for water-resistant clothing --
Specification**

防水服用橡胶或塑料涂覆织物 规范

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 20463.1-2006 "waterproof rubber or plastic coated fabrics - Part 1. PVC coated fabrics" and GB/T 20463.2-2006 "waterproof rubber or plastic coated fabrics - Part 2. waterproof and breathable polyurethane coated fabric." This standard GB/T 20463.1-2006 and GB/T 20463.2-2006 main technical changes compared as follows.

--- This standard and GB/T 20463.1-2006 and GB/T 20463.2-2006 structure without corresponding relationship;

--- Increased terms and definitions (see Chapter 3);

--- Modify the product classification (see 4.2);

--- Request removed width, thickness, per unit area, the total mass, tearing strength, tensile strength, coating mass loss after heat aging, Skew and other projects; increased fragmentation breakage strength after aging anti-blocking properties, melting check (PVC Only) (see Table 4); outer View of quality and appearance without making grading requirements; signs, packaging, transportation and storage without making demands.

This standard uses redrafted law revision using ISO 8096:2005 "taking waterproof rubber or plastic coated fabrics - Specification" (including ISO 8096:2005/Cor1.2005).

This standard and ISO 8096:2005 as compared to the presence of structural changes.

--- "In Table 1 is coated polymer Code Name" is adjusted to 4.1;

--- Table 1 "aging test program" to adjust to Appendix D;

--- "In Table 2 Classification Code" is adjusted to 4.2.

This standard and ISO 8096:2005 and the technical differences for the following reasons.

--- On normative references, this standard has been adjusted technical differences, in order to adapt our technical conditions, the adjusted situation Focus is reflected in the status of Chapter 2, "Normative references", the specific adjustments are as follows.

- Modify with international standards of GB/T 3920 instead of ISO 105-X12 (see Table 4);

- Modify with international standards of GB/T 3921-2008 instead of ISO 105-C02 (see Table 4);
- Modify with international standards of GB/T 4744-2013 instead of ISO 811 (see C.3, D.6, E.3, F.1, F.3, G.1);
- Modify with international standards of GB/T 4745 instead of ISO 4920 (see Table 4);
- Use equivalent to international standards of GB/T 5711 instead of ISO 105-D01 (see Table 4);
- Modify with international standards of GB/T 6682-2008 instead of the ISO 3696. 1987 (see I.2.11);
- Modify with international standards of GB/T 8427 instead of ISO 105-B02 (see Table 4);
- equivalents adoption of international standards GB/T 12588 replaced by ISO 6451 (see Table 4);
- equivalents adoption of international standards GB/T 19089 replaced by ISO 5470-2 (see E.2);
- equivalents adoption of international standards GB/T 20027 replaced by ISO 3303 (see Table 4);
- using the modified adopt the European standard GB 20653 instead of EN471 (see Table 4 and 7.4);
- equivalents adoption of international standards GB/T 24133 replaced by ISO 2231 (see D.2);
- equivalents adoption of international standards GB/T 24135 replaced by ISO 1419 (see Table D.1);
- Use equivalent to international standards of HG/T 2715 instead of ISO 5978 (see Table 4).

This standard made the following editorial changes.

--- Table 4 of 9 Test Method misquoted "ISO 105-D02" is corrected to "ISO 105-D01", with GB/T 5711 Generation for; Delete Chapter 2, there is no reference in the text of ISO 105-D02;

6.4 --- original title "qualified, unqualified test" to "quality judgment";

--- Table E.1 in the second row editorial errors "by 25%," corrected to "75% through";

--- Remove the ISO 8096:2005 Some Notes and Notes to Table informative content, namely, Chapter 1, Note, 3.2 Notes 1 and 2, Table 2

Table I.1 Notes and Notes;

--- Increased 3.5 Note;

--- Added "sampling methods in Appendix A" word (see Chapter 5).

The standard proposed by China Petroleum and Chemical Industry Association.

This standard by the National Rubber and rubber products Standardization Technical Committee (SAC/TC35) centralized.

This standard was drafted. Quartermaster National Product Quality Supervision and Inspection Center, Dandong gifted Knight Textile Co., Ltd. Zhangjiagang City in the transfer service Loaded Clothing Co., Ltd, Hangzhou high tripod Textile Co., Rubber Group in Shenyang Rubber Research Institute.

1 Scope

This standard specifies the waterproof and breathable and non-breathable clothing coated fabric requirements. This standard does not involve the production of coated fabrics and clothing products Method, but water impermeability performance clothing should not be lower than the water permeability properties of the coated fabric.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 3920 Textiles Tests for color fastness rubbing fastness (GB/T 3920-2008, ISO 105-X12.2001, MOD) GB/T 3921-2008 Textiles Tests for color fastness Colour fastness to soaping (GB/T 3921-2008, ISO 105-C10.

2006, MOD)

GB/T 4744-2013 Textiles detection and evaluation of water resistance hydrostatic method (GB/T 4744-2013, ISO 811.

1981, MOD)

GB/T 4745 testing and evaluation of performance of waterproof textile wet method (GB/T 4745-2012, ISO 4920:2012, MOD) GB/T 5711 Textiles Tests for color fastness to dry cleaning fastness (GB/T 5711-1997, eqv ISO 105-D01.1993) GB/T 6682-2008 analytical laboratory use specifications and test methods (ISO 3696. 1987, MOD) GB/T 8427 Textiles Tests for color fastness Colour fastness to artificial light. Xenon arc (GB/T 8427-2008, ISO 105-B02.

1994, MOD)

GB/T 8629-2001 Textiles - Domestic washing and drying test procedures (eqv ISO

6330:2000) GB/T 12586-2003 Rubber or plastic coated fabrics - Determination of flex resistance destructive (ISO 7854:1995, IDT) GB/T 12588 plastic coated fabrics, PVC coating degree fusion rapid test method (GB/T 12588-2003, ISO 6451. 1982, IDT) Check tension and (or) pressure testing machine force measuring system. GB/T 16825.1-2008 static uniaxial testing machines - Part 1 Test and calibration (ISO 7500-1:2004, IDT) GB/T 19089 Rubber or plastic coated fabrics - Determination of abrasion resistance Martindale method (GB/T 19089-2012, ISO 5470-2:2003, IDT) GB/T 20027 Determination of strength (GB/T 20027-2005, ISO 3303:1990, IDT) Rubber or plastic coated fabrics rupture GB 20653 Vocational High visibility warning clothing GB/T 24133 Rubber or plastic coated fabrics - Standard conditioning and testing environment (GB/T 24133-2009, ISO 2231. 1989, IDT)

GB/T 24135 Rubber or plastic coated fabrics - Accelerated aging tests (GB/T 24135-2009, ISO 1419:1995, IDT) Determination of HG/T 2715 Rubber or plastic coated fabric anti-adhesion (HG/T 2715-1995, eqv ISO 5978:1990) ISO 2602 Statistical interpretation of test results mean estimate confidence intervals
(Statisticalinterpretationoftestresults-Estimationofthemean-Confidenceinterval) ISO 3207 Statistical interpretation of data to determine the statistical tolerance interval
(Statisticalinterpretationofdata-Determina-