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**TEXTILE INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

FZ/T 75004-2014

Replacing FZ/T 75004-1993

**Coated fabrics. Determination of elongation and tensile
permanent deformation**

涂层织物 拉伸伸长和永久变形试验方法 清晰版

(English Translation)

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Foreword

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

Instead of the standard FZ/T 75004-1993 "coated fabric elongation and permanent deformation test method for tensile." This standard FZ/T 75004-1993 compared to the main technical content changes are as follows.

--- Normative references added GB/T 6529, deleted the GB/T 8170;

--- Modify the term "tensile set" is defined, an increase of "tensile set rate" "stretch delay distortion" "stretch delay distortion Rate" three terms;

--- Increased 5.1 Note;

Stretch and return when --- speed tests conducted by 5mm/min to a lower speed;

--- Sample length by the "320mm" was changed to "shall meet the gauge length of 200mm";

--- Increase the value of constant elongation or constant load value can be determined based on product requirements or parties agreement or yield point;

--- Remove the specimen holder when pretension provisions;

--- Increase the response time of the sample tolerance;

--- Remove the requirement on the flatbed of a sample reply;

--- Modify the content of the test report;

--- Increased Seeking a schematic diagram B.1 yield point.

The standard proposed by China Textile Industry Association.

The standard basis by the National Textile Standards Technical Committee of Standardization Technical Committee (SAC/TC209/SC1) centralized.

This standard was drafted. Hangzhou Paradise Umbrella Group Co., Ltd., China Textile Standard (Beijing) Co., Inspection and Certification Center.

1 Scope

This standard specifies the determination coated fabric tensile elongation, tensile elongation with fixed or constant load mode delay distortion and tensile set of test Test methods.

This standard applies to all kinds of coated fabrics.

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 3291.3 textile material properties and test - Part 3. General GB/T 6529 Textiles Standard conditioning and testing atmosphere

3 Terms and Definitions

GB/T 3291.3 and define the following terms and definitions apply to this document.

Tensile set tensile permanent deformation Sample under specified conditions after tensile deformation removing tension and restore a certain time, the deformation can not be restored.

Tensile permanent deformation rate Percentage tensile set after a predetermined length of the specimen elongation values than the stretched condition.

Tensile deformation tensile delayed deformation delay After the sample under specified conditions elongation, tensile instantly removed, the residual deformation of the specimen.

Note: Including slow elastic deformation and permanent deformation.

Tensile deformation rate tensile delayed deformation rate delay After a predetermined delay than the tensile elongation percentage of the value of the condition of deformation after stretching the length of the sample.

Principle 4

Tensile specimen at a predetermined speed to a predetermined value or elongation is applied to the predetermined load value, and to maintain the tensile deformation after a certain time or the load, in order to the same rate of return of removal load, the sample must reply at time zero load, measuring deformation of the sample did not recover.

5.1 Constant elongation (CRE) tester

5.1.1

The two instruments should be at the center of the holder of the tension axis, the jaw line should be perpendicular to the tensile axis. Hold the specimen holder should be able to make