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FZ

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

FZ/T 01010-2012

Replacing FZ/T 01010-1991

**Coated fabrics. Determination of coating peeling strength
(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 01010-1991 "coated fabric coating adhesion strength measurement method", and FZ/T 01010-1991 phase Than, this standard was amended to the following.

--- Standard name from "coated fabric coating adhesion strength measurement method" to "coating fabric coating peeling strength of determination";

--- Chapter 1 Scope extended to apply to all types of coated fabric;

--- Remove the original standards documents cited in the reference standard GB 7565 and GB 8170;

--- The original 3.1 standard term "coating adhesion strength," the name changed to "peel strength" and its definition made the appropriate modifications;

--- Deletes from the original 3.4 standard terminology "not stripping", the original standard terminology 3.5, 3.6 and 3.7 adjusted to the new standard of 3.4, 3.5 and 3.6;

--- Amend the relevant test equipment requirements, delete the original standard test equipment in the 5.2 and 5.3;

From the original number of samples were prepared --- Chapter 6 of the meridional four samples to vertical and horizontal each 5 samples, and modify the sample composition Preparation;

--- Increased Chapter 7, "sample the humidity";

--- Modify the calculation and representation of the test results, the original standard "by measuring the area under the curve stripping the central region to 50% Calculation peel force "is replaced by" stripping process after recording the value "80% of the area, and increase the release of various peeling case Curve (see 9.1 and 9.2);

--- Delete the original standard in Appendix A, the original standard Appendix A combined

sample preparation steps in Chapter 6, "Sample Preparation" incorporated in (See 6.3.1 - 6.3.3), and delete the original standard given in Appendix A of the specific adhesive formulation and curing conditions.

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. National Textile Products Quality Supervision and Inspection Center.

1 Scope

This standard specifies the method for determination of coated fabric coating removal powerful.

This standard applies to all types 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 6529 Textiles Standard conditioning and testing atmosphere

3 Terms and Definitions

The following terms and definitions apply to this document.

Peel strength peeling strength of the combined layers constituting the force required to separate the fabric.

Completely stripped coating to fabric peel Uncoated debris residue on the fabric in a release state when the fabric coating peeled off.

Incomplete stripping partial film tear the fabric coating removal portion of the film tear, residual debris still adhered to a release on the fabric of the state.

Delamination coating or film delamination Multi-layer coating with a layer or layers of the film remains on the fabric of a release state.

Fabric fracture fabric failure During peel strength due to the peeling of the coating is greater than the strength of the base fabric the base fabric resulting in breakage.

Layered fabric fabric delamination Since during peel or tear fabric delamination (especially when the fabric is a nonwoven fabric) resulting in some monolithic layer or a fabric layer

adhered retention A release coating on the state.

Principle 4

Under specified conditions, the sample at a constant speed coating and a length of fabric stripping, process sample record release curve to this calculation sample peel strength.