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

GB/T 13772.3-2008

Replacing GB/T 13772.2-1992

**Textiles -- Determination of the slippage resistance of yarns at a
seam in woven fabrics -- Part 3: Needle clamp method**

纺织品 机织物接缝处纱线抗滑移的测定 第3部分：针夹法

(English Translation)

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Foreword

GB/T 13772 "textile yarns at a seam in woven fabrics - Determination of anti-slip" includes the following four parts.

- Part 1. Fixed amount of slip method;
- Part 2. Fixed load method;
- Part 3. Needle clamp method;
- Part 4. friction law.

This section GB/T 13772 Part 3.

This section uses the translation method identical with ISO 13936-3:2005 Determination of "textile yarns at a seam in woven fabrics anti-slip 3 Part I. Needle clamp method. " this part of ISO 13936-3:2005 compared with the following editorial changes.

- Normative documents in place of the corresponding international standards set by our standards;
- Deleted international standards foreword;
- The contents of the table in Figure 1 ISO incorporated in Table 1;
- Information Appendix C as the Chapter 8. Note 2.

This Part replaces GB/T 13772.2-1992 "woven fabrics of yarn slippage resistance measurement method simulation suture." This portion GB/T 13772.2-1992 main technical differences are as follows.

1. Standard name from analog to suture needle clamp method;
2. Increase the NA range of products;
3. Normative references have been adjusted to increase the tensile tester relevant standards;
4. Chapter 3 is amended as six terms terminology;

5. Chapter 4 of the principle has been modified;
6. It provides test equipment for the CRE tensile tester, tensile tester for CRE proposes specific requirements;
7. By a stretching speed 100mm/min to 50mm/min;
8. Specifications for needles made some changes, the series of values in Table 1;
9. Adjusted by the sample length 150mm 300mm;
10. The determination of different kinds of fabric used in load slippage specific provisions;
11. Provides for the termination load is 250N;
12. Modification of the original Appendix A, an increase in Appendix B.

This section of the Appendices A and B are informative appendices.

This part is proposed by the China Textile Industry Association.

This part of the National Standardization Technical Committee based textile branch (SAC/TC209/SC1) centralized.

This section drafted by. National Textile Products Quality Supervision and Inspection Center, Textile Standard (Beijing) Co., Inspection and Certification Center.

1 Scope

This section GB/T 13772 specifies the woven fabrics of yarn slippage resistance method under a certain load to the needle holder in the form of measurement.

This method avoids the test bias caused by the suture, and this deviation will sometimes test results have a significant impact.

This method does not apply to an elastic fabric or webbing and other industrial fabrics.

2 Normative references

The following documents contain provisions which, through reference GB/T 13772 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 6529 Textiles conditioning and testing using standard atmosphere (GB/T 6529-2008, ISO 139:2005, MOD) Inspection and correction tension and (or) pressure testing machine force measuring system. GB/T 16825.1 of static uniaxial testing machines - Part 1

Associate (GB/T 16825.1-2002, ISO 7500-1:1999, IDT) GB/T 19022 measuring equipment management systems for measurement processes and measuring equipment (GB/T 19022-2003, ISO 10012.

2003, IDT)

3 Terms and Definitions

The following terms and definitions apply to this part of the GB/T 13772 of.

Throughout the test, the specimen holder holding a fixed, the other at a constant velocity, so that the elongation time of sample into Proportional to a test instrument.

The entire width of the sample is drawn to test a fabric holder clamped.

Since the stretching action, moving weft woven fabrics (warp) yarns in the warp (weft) yarn produced.

Warp direction perpendicular to the stretch, to move on the weft yarn.

GB/T 13772.3-2008/ISO 13936-3:2005