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FZ

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

FZ/T 94041-2007

Replacing FZ/T 94041-1995

**Sizing machines
(English Translation)**

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Foreword

Instead of the standard FZ/T 94041-1995 "sizing machine." the main difference with the standard FZ/T 94041-1995 compared to the technical content as follows.

- Expanding the scope of varieties, expanding from the original 9.7tex ~ 97tex to 7.3tex ~ 97tex. See Excerpts Chapter 1;
- The latest version of the current standard references; see Chapter 2 of this edition;
- Canceled the high energy consumption, low efficiency of the hot air drying methods and corresponding technical requirements (see the 1995 version of 3.1.3 and 4.5.2);
- Increased by 2m/min ~ 100m/min high-speed file a sizing machine (see the 1995 version 3.2.4, this version 3.2.4);
- Increasing the requirements and corresponding test methods for drying apparatus temperature control precision (see this edition 4.4.3 and 5.3);
- Provides scalable reed requirements (see Excerpts 4.5.2);
- Modification by mandatory national standards for electrical safety requirements and test methods (see the 1995 version of 4.7 and 5.4, this version 4.6 and 5.4);
- Increasing the safety performance requirements of the whole machine (see this edition 4.7.2);
- Improve or adjust the individual performance indicators [such as the 1995 version 4.3.3, 4.4.4, 4.6.3, 4.8, 4.9.2 and 4.11.1b), Excerpts the 4.2.3, 4.3.4, 4.5.4, 4.7.1, 4.8.2 and 4.9.1b)];
- Clear measuring points program noise measurement requirements (see the 1995 version 5.5, this version 5.5);
- Delete the index and the corresponding test methods for evaporation capacity, it is recommended set forth in the instructions for use depending on the number of drying cylinder (See the 1995 version 4.10 and 5.8);

--- Cancel the total elongation index, but the actual error is given elongation and the elongation process set requirements [see 1995 edition 4.11.3a), this edition 4.9.3a)];

--- Remove the index requirements serious completion rates and decrease the rate of hairiness and the corresponding test methods (see the 1995 edition of 4.11.4, 4.11.5, 5.12, 5.13).

The standard proposed by China Textile Industry Association.

This standard by the National Standardization Technical Committee Textile machinery and accessories.

This standard was drafted. China Textile Machinery Association, Zhengzhou Textile Machinery Co., Ltd., Wang Yancheng Textile Machinery Ltd., Suzhou Textile Machinery Co., Ltd. San Yuan.

1 Scope

This standard specifies the sizing machine product classifications, requirements, test methods, inspection rules and signs, packaging, transportation and storage.

This standard applies to linear density 7.3tex (about 80s) to 97tex (about 6s), single slurry tank warp coverage of 20% to 60% Cotton, hemp, chemical fiber spinning pure and blended staple fiber with a warp sizing machine.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 755 rotary motor fixed and performance GB 5226.1 Safety of machinery electrical equipment Part 1. General requirements GB/T 7111.1 Textile machinery - Noise test code - Part 1. General requirements GB/T 7111.5 Textile machinery - Noise test code - Part 5. weaving and knitting preparatory machinery GB/T 17780 Textile machinery - Safety requirements GB/T 19551 Textile machinery Maximum effective width of the sizing machine FZ/T 90001 Textile machinery Packaging FZ/T 90035 Textile machinery terminology warping axis and main dimensions FZ/T 90036 Textile weaving machinery shaft terminology and main dimensions FZ/T 90074 textile machinery products Painting FZ/T 90089.1 textile machinery nameplate types, sizes and technical requirements FZ/T 90089.2 textile machinery nameplate content FZ 92065 stainless steel welding drying cylinder

3 Product Categories

Type 3.1

3.1.1

creel type.

- a) single-layer type;
- b) combined.

3.1.2 Type slurry tank

a) by the number of slots slurry points.

- 1) Single-slurry tank;
- 2) double slurry tank;
- 3) Multi-slurry tank.

b) type of pressure points by immersion.

- 1) single-dip double pressure;
- 2) double-dip double pressure;
- 3) double dip four pressure.