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

FZ/T 92045-2018

Replacing FZ/T 92045-2008

Printing nickel screen

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(English Translation)

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Foreword

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

This standard replaces FZ/T 92045-2008 "Printed Nickel Screen". Compared with FZ/T 92045-2008, the main technical changes are as follows.

- Modified the scope (see 1, 2008 version 1);
- Modified terms and definitions (see 3, 2008 edition of 3);
- Modified the classification and code (see 4, 2008 edition of 4);
- Modified the parameters (see Table 1, Table 1 of the 2008 edition);
- Modified the requirements for the uniformity of the opening rate (see Table 2, Table 2 of the 2008 edition);
- The requirements for the tensile strength and toughness of the nickel mesh have been modified (see 5.2, 5.2 in the 2008 edition);
- Modified the requirements for the number of serial hole defects in the nickel mesh (see Table 3, Table 3 of the 2008 edition);
- Modified the requirements for the number of blind hole defects in the nickel mesh (see Table 4, Table 4 of the 2008 edition);
- Increased the requirement of the diameter tolerance of the printed nickel mesh (see 5.6).

This standard was proposed by the China National Textile and Apparel Council.

This standard is organized by the Spinning, Dyeing and Finishing Machinery Sub-Technical Committee of the National Textile Machinery and Accessories Standardization Technical Committee (SAC/TC215/SC1) Focus.

Drafting organizations of this standard. Jiangyin Nickel Mesh Factory Co., Ltd., National

Textile Machinery Quality Supervision and Inspection Center, Shandong Tongda Printing System Co., Ltd., Jinchangyu Heng Nickel Mesh Co., Ltd., Jiangyin Tianyu Nickel Mesh Co., Ltd., Nantong Henry Nickel Mesh Co., Ltd., Jiangsu Sunshine Machine Machinery Technology Co., Ltd.

1 Scope

This standard specifies the terms and definitions, classification and parameters, requirements, test methods, inspection rules, marking and packaging, transportation, Store.

This standard applies to printed nickel screens (rotary screens) used in textile printing, and printed nickel screens used in other industries can also be implemented by reference.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 191 Packaging, Storage and Transportation Graphic Mark GB/T 2828.1-2012 Sampling inspection procedure by attributes Part 1: Batch inspection sampling searched by acceptance quality limit (AQL) plan GB/T 2829-2002 Periodic Inspection Attribute Sampling Procedure and Table (Applicable to the Inspection of Process Stability) GB/T 6543 Single Corrugated Box and Double Corrugated Box for Transport Packaging

3 Terms and definitions

The following terms and definitions apply to this document.

Mesh

In the direction of the hole pitch, the number of hole pitches per 25.4mm length.

Openrate

The percentage of the ratio of the total area of the mesh in the unit area to the unit area.

4.1 Classification

According to the shape of the mesh.

---hexagon;

---Circular.

According to the mesh arrangement, it is divided into.

---Based on the cylindrical line of the nickel mesh, it is arranged in 0°, 60°, 120° or 30°, 90°,

150° axisymmetrically, see Figure 1

--- Take the nickel net cylinder line as the standard, and are arranged non-axisymmetrically at 15°, 75°, 135°, as shown in Figure 1.