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

GB/T 9851.6-2026

Replacing GB/T 9851.6-2008

**Vocabulary of graphic technology - Part 6: Terms for screen
printing**

印刷技术术语 第6部分：孔版印刷术语

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 6 of GB/T 9851 "Terminology for Printing Technology". GB/T 9851 has already published the following parts.

- 1.Basic Terminology;
- 2.Prepress Terminology;
- 3.Letterpress Printing Terminology;
- 4.Lithography Terminology;
- 5.Gravure Printing Terminology;
- 6.Terminology for Screen Printing;
- 7.Post-press Terminology;
- 8.Digital Printing Terminology;

9. Terminology for Book and Periodical Printing This document supersedes GB/T 9851.6-2008 "Printing Technology Terminology Part

6. Screen Printing Terminology", and is consistent with GB/T 9851.6- Compared to.2008, aside from structural adjustments and editorial changes, the main technical changes are as follows:

- a) The scope of the standard has been changed (see Chapter 1, Chapter 1 of the.2008 edition);
- b) The chapter title was changed from "Stencil Printing" to "Basic Terminology," and several terms were added, modified, and deleted (see Chapter 3,.2008). Chapter 2 of the edition);

1 Scope

GB/T 9851.6-2026 is the Chinese national standard covering the vocabulary of screen and stencil printing - the mesh and its count and tension, the emulsion and exposure, the squeegee and the off-contact distance, and the defects peculiar to pushing ink through a screen. Part 6 of the printing vocabulary series. It replaces GB/T 9851.6-2008 and has been in force since 1 March 2026. It was issued on 28 January 2026 and has been in force since 1 March 2026, replacing GB/T 9851.6-2008. The document is under the responsibility of the National Press and Publication Administration. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document defines the terminology used in stencil printing technology and its applications. This document applies to production, teaching, research, and technical exchange in the field of stencil printing technology and its applications.

2 Normative references

This document has no normative references.

3 Basic Terminology

3.1 Printing is a method of creating graphic information on a substrate by passing ink through the stencil area of a printing plate.

3.2 screenprinting Screen printing, where the stencil area of the printing plate is perforated (3.1).

3.3 screen printing The stencil area of the printing plate is formed by screen printing using linear material (3.2).

4 Plate making

4.1 screenmesh A screen printing material (3.2) woven from warp and weft threads with identical openings.

4.1.1 screenmesh count Number of openings in the wire mesh (4.1) per unit length.

4.1.2 The ratio of the elongation of the wire mesh (4.1) when it is stretched to break in the warp or weft direction to its length before stretching.

4.1.3 screen mesh thickness (4.1) The maximum vertical distance between the two surfaces of the wire mesh.

4.1.4 aperture width The larger of the maximum vertical distances between two adjacent warp threads and between two weft threads in a wire mesh (4.1).