

ICS 85.060  
CCS Y 30



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

**GB/T 451.3-2026**

Replacing GB/T 451.3-2002

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**Paper and board - Part 3: Determination of thickness**

纸和纸板 第3部分：厚度的测定

**(English Translation)**

**Issued on: May 25, 2026**

**Implemented on: December 1, 2026**

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**Issued by: State Administration for Market Regulation;  
Standardization Administration of China**

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### Foreword

GB/T 451.3-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 25 May 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 December 2026.

This edition replaces GB/T 451.3-2002.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the China National Light Industry Council.

Classification: ICS 85.060; CCS Y 30.

### 1 Scope

Thickness is one of the basic physical properties of paper and board, and it feeds into calculations of other characteristics. This standard, Part 3 of the paper and board series, covers the determination of thickness. It is a recommended national standard.

Paper mills, converters, packaging manufacturers, printers, quality control laboratories and independent testing houses can use it to measure thickness in a uniform way. Buyers and suppliers who agree thickness values in purchase specifications will find a common method valuable when results need to be compared between sites.

The 2026 edition was issued on 25 May 2026 and takes effect on 1 December 2026. It replaces GB/T 451.3-2002, a much earlier edition, so laboratories should check whether their instruments and procedures still match the way the test is described before the new edition applies.