ICS 83.180
CCS G 38

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 47087-2026

Test method for the static load peeling performance of adhesive tape

胶粘带静载荷剥离性能的测定方法

Issued on: January 28, 2026 **Implemented on: August 1, 2026**

Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC

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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. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the China Petroleum and Chemical Industry Federation. This document is under the jurisdiction of the National Technical Committee on Standardization of Adhesives (SAC/TC185). This document was drafted by: Meixin New Materials Co., Ltd., Shanghai Rubber Products Research Institute Co., Ltd., and Jiangsu Sidike New Materials Technology Co., Ltd. Technology Co., Ltd., Guangdong Kejian Instrument Co., Ltd., Huizhou

Meixin Electronics Co., Ltd., Fenghua Technology Development Co., Ltd., Yung-Ta (Zhongshan) Co., Ltd., Shanghai Yongguan Zhongcheng New Material Technology (Group) Co., Ltd., Foshan Shunde Yongchuang Xiangyi Electronic Materials Co., Ltd. The company, Jiangsu Crown New Material Technology Co., Ltd., Zhejiang Fulai New Material Co., Ltd., and Kaiping Qiyu Adhesive Products Technology Co., Ltd. Company, Sichuan Yuxi New Materials Co., Ltd., Shenzhen Polymer Industry Association, Jiangsu Bailu Electric Group Co., Ltd., Crown New Materials Material Technology Co., Ltd. The main drafters of this document are. Chen Weibin, Shen Yan, Yang Zhiyong, Su Ping, Lin Xuehao, Song Yingchun, Chen Huachang, Liu Youqing, Zeng Lijuan, and Mai Qibo. Yang Xiaoming, Luo Jier, Zhang Jianjun, Sun Zhenzhen, Zhou Guozhong, Li Jianxiong. Method for determining the static load peel performance of adhesive tape

1 Scope

GB/T 47087-2026 is the Chinese national standard covering how long a tape holds before it peels under a constant load - the creep behaviour that decides whether a mounted object stays on the wall for a year, which a peel strength measured at 300 mm per minute does not tell you. First edition, and it belongs with the pressure sensitive adhesive vocabulary GB/T 22396-2026. It was issued on 28 January 2026 and has been in force since 1 August 2026, as a first edition. The document is under the responsibility of the China Petroleum and Chemical Industry Federation. 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 describes a method for determining the static load peel performance of adhesive tapes. This document applies to the determination of the static load peel performance of adhesive tapes and is used for the research, development, production, and quality control of adhesive tape products.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2523 Methods for measuring surface roughness, peak count and waviness of cold-rolled sheet and strip metal

GB/T 3280 Stainless steel cold-rolled sheet and strip

GB/T 22396 Terminology for Pressure-Sensitive Adhesive Products

3 Terms and Definitions

The terms and definitions defined in GB/T 22396 and the following terms and definitions apply to this document.

3.1 static load Static load A load that remains constant over time.

3.2 static load peeling Static peeling Peeling of adhesive tape under static load (3.1).

3.3 The phenomenon of adhesive tape separating and falling off from the surface of the adhered object under static load (3.1).

3.4 An adhesive tape with pressure-sensitive adhesive coated on both sides of the substrate.

3.5 transfer adhesive tape An adhesive tape made by directly coating pressure-sensitive adhesive onto a release material without using a supporting substrate.

Note. When using, first transfer the pressure-sensitive adhesive layer to the surface of one of the objects to be bonded, remove the release material, and then use external force to stick the other object to be bonded.