

ICS 31.180
CCS L30



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

GB/T 14708-2017

Replacing GB/T 14708-1993

Adhesive coated polyester film for flexible printed circuits

挠性印制电路用涂胶聚酯薄膜

Issued on: December 29, 2017

Implemented on: July 1, 2018

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 14708-1993 "flexible printed circuit with polyester film," compared with the GB/T 14708-1993 main Technical changes are as follows:

--- Added Chapter 3 terms and definitions;

--- Chapter 4 increased the product classification, marking examples and structure of the content of the preparation;

--- Increased thickness and tolerance requirements in 6.2.3;

6.3 in the volatile content of the performance requirements can be modified for the optional technical requirements;

--- 6.3, with peel strength instead of dry peeling peel strength after dry treatment requirements, an increase of chemical resistance, thermal stress (floating Welding), water absorption, volume resistivity and electrical strength requirements;

--- In Chapter 7, delete the bending fatigue test method, volatile content and fluidity of the test method is modified to reference GB/T 14709-2017 in Appendix A, B, in the dimensional stability test method to increase the dimensional stability of the release layer operation Make steps

--- In 7.2, adjusted the original test items group, the original standard in the A group, B group test combined into A group test, the C group The test (3 months to 6 months) is divided into group C (3 months) and group D (12 months), the specific test cycle is shown in Table 7;

9.2 increase in the joint or unqualified segment size requirements. This standard proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This standard by the National Standardization Technical Committee printed circuit board (SAC/TC47) centralized. This standard was drafted unit. Huashuo Technology Co., Ltd., Michael Arrowotek (Changzhou) Products Services Co., Ltd., Jiujiang Folakesi have Limited company, Guangdong Sheng Yi Technology Co., Ltd. The main drafters of this standard. Fan peace, Yang Bei, Gao Yanru, Zhang Panxin, Wang Hua Zhi, Liu Ying, Yang Yan, Yang

Hong, Cao Yi. This standard replaces the standards previously issued as.

--- GB/T 14708-1993. Flexible printed circuit with polyester film

1 Scope

GB/T 14708-2017 is the Chinese national standard on adhesive coated polyester film for flexible printed circuits, in the field of electronics. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 29 December 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2018. Classification: ICS 31.180, CCS L30. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the classification of flexible printed circuit with polyester film (hereinafter referred to as polyester film) classification, identification and structure, requirements, testing Methods, inspection rules, marking, packaging, shipping and storage. This standard applies to flexible printed circuit cover with single-sided polyester film and multilayer flexible printed circuit board with double-sided adhesive poly Ester film.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document. Printed circuit terminology

GB/T 2036 Films for electrical insulation - Part 4. Polyester films Test method for flexible copper clad laminates for printed circuit boards GB/T Polyimide film for flexible printed circuits

3 Terms and definitions

GB/T 2036 and defined by the following terms and definitions apply to this document.

3.1 Release material releasematerial A film or paper-like material that is used to protect the coated or supported product from the product and to keep the coated surface intact.

3.2 Vertical machinedirection; MD Film or adhesive film in the continuous manufacturing of the length direction.

3.3 Transversely transversed; TD The width of the film or adhesive film perpendicular to the

MD when manufactured continuously. 4 product classification, logo and structure

4.1 Product Classification Glue-coated polyester film products according to the type of adhesive coating and product characteristics can be divided into two types, the type and characteristics according to Table

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