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

GB/T 17000-2009

Replacing GB/T 17000-1997

**Universal technical requirements of holographic
anti-counterfeiting products**

全息防伪产品通用技术条件

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Foreword

This standard replaces GB/T 17000-1997 "anti-counterfeiting holographic products general technical conditions."

--- GB/T 17000-1997. Holographic security products general technical conditions

1 Scope

GB/T 17000-2009 is the Chinese national standard on universal technical requirements of holographic anti-counterfeiting products, in the field of services and company organization. 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 6 May 2009 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 November 2009. Classification: ICS 03.120.99, CCS A90. 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 terms and definitions holographic anti-counterfeiting products, classification, requirements, testing and inspection methods, inspection rules, marking, packaging, transport Transport, storage and security measures as well as environmental and health requirements. This standard applies to holographic security products, including holographic anti-counterfeit labels, holographic security film, holographic anti-counterfeiting paper, holographic security strip (line).

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan (GB/T 2828.1-2003, ISO 2859-1.1999, IDT)

GB/T 2829 periodic inspection Sampling procedures and tables (suitable for process stability test)

GB/T 18733-2002 counterfeiting holographic paper

GB/T 18734-2002 counterfeiting holographic hot stamping foil

GB/T 19425-2003 General technical conditions of security technology products

GB/T 22258-2008 General technical security logo

GB/T 23808-2009 holographic security film

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Holographic anti-counterfeiting technology manufacturing, the objective can play to prevent forgery, imitation and can not easily be copied within a certain range can accurately identify The authenticity of the counterfeit products.

3.2 By compression molding process, the holographic relief structure in the form of interference fringes is transferred to the substrate (plastic film, paper or other material) is obtained Hologram.

3.3 Lippmann hologram Lippmannhologram Wide use of technology and the corresponding reflection hologram photosensitive material (for example, a photopolymer, silver materials, etc.) as a recording medium obtained Hologram.

3.4 Computer lattice hologram computerdot-matrixhologram Dot dot dot by the hologram grating arrangement of components, the use of computer control arrangement grating lattice point streaks square grating Direction and density in order to obtain a variety of visual effects.