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

GB/T 17497.1-2012

Decorative products by flexographic printing - Part 1: Paper

柔性版装潢印刷品 第1部分：纸张类

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Foreword

GB/T 17497 "flexographic decorating printed" is divided into three parts.

--- Part 1. sheet;

--- Part 2. Plastic and metal foils;

--- Part 3. corrugated board class. This is Part 1 GB/T 17497 in. Rules in this section in accordance with GB/T 1.1-2009 given draft. This portion instead of GB/T 17497-1998 "flexographic decorating printed matter", compared with the GB/T 17497-1998, the main technical Requested changes are as follows:

--- Remove belonging to process control "solid density" (see 1998 edition 4.2);

--- Remove belonging to process control "dot gain" (see 1998 edition 4.6);

--- On the "Indian face look" made appropriate modifications (see 51, 1998, version 4.1.);

--- On the "overprint error" made the appropriate changes (see 52, 1998. Version 4.4.);

--- On the "same batch color difference" made appropriate modifications (see 531, 1998, version 4.5.);

--- On the "ink wear" any appropriate modifications (see 532, 1998, version 4.3.);

--- Added "India is dirty point limit" requirement (see 5.1.1.4,5.1.2.4);

--- Increased "hot stamping and embossing graphic printing registration error" requirement (see 5.4);

--- Increased "die size error" requirement (see 5.5). Please note that some of the content of this document may involve patent issuing authority of this document does not assume responsibility for the identification of these patents. This section proposed by the Press and Publication Administration. This part of the National Standardization Technical Committee printing (SAC/TC170) centralized. This section is drafted. Jiang Su Caihua Packaging Group Company, Wuhan flexo Honor Environmental Protection Technology Co., Shanghai East Prince Packing Co. The company, Three Gorges Project in Hubei Government Printing Co., Ltd., Luoyang one hundred Lin Wei Ink Co., Ltd., Xian De Xin Printing Machinery Co.,

Ltd., China National Light Industry Pack Loading and decoration printing products Shanghai Quality Supervision and Inspection Station, the Shanghai Quality Supervision, Inspection Station print, packaging and printing member of China Packaging Federation Council, China Printing Technology Association of flexo printing branch. The main drafters of this section. Xia Jialiang, Dennis Chan, Sun Yi column, once into the sea, Wu Tiejun, Li Xinsheng, Zhengshao Nan, Ren Xingchun, Chen Xiang Qi Gong Ren chou. This part of the standard replaces the previous editions are.

--- GB/T 17497-1998. Flexographic printing and decorating Part 1. sheet

1 Scope

GB/T 17497.1-2012 is the Chinese national standard on decorative products by flexographic printing - part 1: paper, in the field of image technology. 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 31 December 2012 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 June 2013.

Classification: ICS 37.100.01, CCS A17. 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 section GB/T 17497 provisions of the decorating sheet flexographic printing requirements, test methods, inspection rules, marking, packaging, Transport, storage and so on. This section applies to flexographic and decoration printing coated paper, uncoated paper prints.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan

GB/T 18722 printing technology reflection density measurement and color measurement applications in the printing process control

GB/T 19437 printed image printing technology - Spectral measurement and colorimetric computation

GB/T 23649 printing technology process control printing reflection densitometer optics,

geometry and surveying requirements CY/T3 evaluate color lighting and viewing conditions

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Flexographic printing flexographicprinting Elastic letterpress printing plate transfers the ink to the printing on the substrates. [GB/T 9851.1-2008, the definition 5.10]

3.2 Stamping hotfoil-stamping On paper, cardboard, paper, coating class and other items, will die by hot stamping material transfer process has been hot on the matter. [GB/T 9851.7-2008, the definition 4.7]

3.3 Embossing embossing Mold the convex-concave pattern or texture embossing process on printed materials. [GB/T 9851.7-2008, the definition 4.2]

3.4 Glazing coating Bright material in process printing surface coating transparent. [GB/T 9851.7-2008, the definition 4.5]

3.5 Film film laminating The adhesive-coated plastic film laminated to the surface of the printing process. [GB/T 9851.7-2008, the definition 4.6]