

JIS

JAPANESE INDUSTRIAL STANDARD

**Flexible printed wiring boards
—Single-sided, Double-sided**

JIS C 5017—1994

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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Flexible printed wiring boards
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1. Scope This Japanese Industrial Standard specifies single- and double-sided flexible printed wiring boards, mainly used for electronic apparatus (hereafter referred to as "flexible printed board").

The flexible printed boards dealt with here are single-sided flexible printed board having polyester film or polyimide film as the base material and double-sided flexible printed board having polyimide film as the base material, which are manufactured using copper-clad laminate, in accordance with subtractive process.

Remarks 1. The following standards are cited in this Standard:

JIS C 5016 Test methods for flexible printed wiring boards

JIS C 5603 Terms and definitions for printed circuits

JIS C 6471 Test methods of copper-clad laminates for flexible printed wiring boards

2. The International standards corresponding to this Standard are given below:

IEC 326-7 (1981) Printed boards. Part 7: Specification for single and double sided flexible printed boards without through connections

IEC 326-8 (1981) Printed boards. Part 8: Specification for single and double sided flexible printed boards with through connections

2. Definitions For the purposes of this Standard, in addition to the definitions specified in JIS C 5603, the following definitions apply:

(1) adhesive flow The ooze of adhesive on the conductor surface such as lands due to bonding of cover lay by means of heat and pressure.

(2) reinforcing material The laminated sheet, plastic sheet or metal sheet to be bonded to a part of flexible printed board by using an adhesive or pressure sensitive adhesive, to give rigidity to that part or to fix the board at the part.

(3) filiform burr The filiform burr produced at machining

3. Characteristics The characteristics of flexible printed boards, the test items and applicable test methods shall be as given in Table 1.

The test methods are based on JIS C 5016.