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**ONE-INCH
PERFORATED PAPER TAPE
FOR
INFORMATION INTERCHANGE**

**CATEGORY: HARDWARE STANDARD
SUBCATEGORY: INTERCHANGE CODES
AND MEDIA**

**U.S.
DEPARTMENT
OF
COMMERCE**

National
Bureau
of
Standards

Foreword

The Federal Information Processing Standards Publication Series of the National Bureau of Standards is the official publication relating to standards adopted and promulgated under the provisions of Public Law 89-306, and under Office of Management and Budget Circular A 86. The entire series constitutes the FEDERAL INFORMATION PROCESSING STANDARDS REGISTER.

The series is used to announce Federal Information Processing Standards, and to provide standards information of general interest and an index of relevant standards publications and specifications. Publications that announce adoption of standards provide the necessary policy, administrative, and guidance information for effective standards implementation and use. The technical specifications of the standard are usually attached to the publication, otherwise a reference source is cited.

Comments covering Federal Information Processing Standards and Publications are welcomed, and should be addressed to the Associate Director for ADP Standards, Institute for Computer Sciences and Technology, National Bureau of Standards, Washington, D.C. 20234. Such comments will be either considered by NBS or forwarded to the responsible activity as appropriate.

RICHARD W. ROBERTS, *Director*

Abstract

This standard specifies the physical dimensions and tolerances of one-inch wide paper tape, including the size and location of the perforations used for recording information.

Key words: Data processing; Federal Information Processing Standard; information interchange; information processing; paper tape; paper perforator tape.

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Federal Information Processing Standard Publication 26

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ANNOUNCING THE STANDARD FOR



One-Inch Perforated Paper Tape for Information Interchange

Federal Information Processing Standards Publications are issued by the National Bureau of Standards under the direction of the Office of Management and Budget (OMB) in accordance with the provisions of Public Law 89 306 and OMB Circular No. A-86.

Name of Standard. One-Inch Perforated Paper Tape for Information Interchange.

Category of Standard. Hardware Standard, Interchange Code and Media.

Explanation. This standard specifies the physical dimensions and tolerances of one-inch wide paper tape, including the size and location of the perforations used for recording information.

Approving Authority. Office of Management and Budget.

Maintenance Agency. Department of Commerce, National Bureau of Standards, (Institute for Computer Sciences and Technology).

Cross Index.

- a. FIPS PUB 1, Federal Standard Code for Information Interchange.
- b. FIPS PUB 2, Federal Standard Perforated Tape Code for Information Interchange.
- c. FIPS PUB 27, Take-Up Reels for One-Inch Perforated Tape for Information Interchange.
- d. At the time of publication of this FIPS PUB, a standard for the properties of unpunched paper tape was in process. When available, it also is cross indexed.

Applicability. The standard is applicable to all one-inch wide perforated tape and related eight channel paper tape punch and reading equipments. Federal information processing systems, communications systems, and associated terminals employing perforated tape equipments shall provide the capability to generate or accept tapes in compliance with the requirements set forth in the standard.

Implementation Schedule. All applicable equipment ordered on or after the date of this FIPS PUB shall be in compliance with the standard unless a waiver has been obtained in accordance with the procedure described below. Exceptions to this standard are made in the following cases:

- a. For equipment procured or on order prior to the date of this FIPS PUB.
- b. Where equipment procurement actions are into the solicitation phase (i.e., Requests for Proposals or Invitation for Bids have been issued) on the date of this FIPS PUB.

Waiver Procedure. Heads of agencies may waive the provisions of the implementation schedule. Proposed waivers relating to the procurement of non-conforming equipments will be coordinated in advance with the National Bureau of Standards. Letters should be addressed to the Associate Director for ADP Standards, Institute for Computer Science and Technology, National Bureau of Standards, Washington, D.C. 20234. They should describe the nature of the waiver and set forth the reasons therefor.

Sixty days should be allowed for review and response by the National Bureau of Standards. The waiver is not to be made until a reply from the National Bureau of Standards is received; however, the final decision for granting the waiver is a responsibility of the agency head.

Specifications. The standard adopts in whole the perforated tape requirements set forth in the American National Standard X3.18-1967, One-Inch Perforated Paper Tape for Information Interchange, which was developed and approved by the American National Standards Institute.

Qualifications. The standard is one of a series of one-inch paper tape standards developed in support of the requirements applicable to the implementation of the Federal Standard Code for Information Interchange. However, the physical dimensions of the tape and the perforations specified in the standard also apply when other coded representations are used in the eight-channel environment.

Where to Obtain Copies of the Specifications of the Standard.

a. Federal Government activities should obtain copies from established sources within each agency. When there is no established source, purchase orders should be submitted to the General Services Administration, Specifications Activity, Printed Materials Supply Division, Building 197, Washington Navy Yard Annex, Washington, D.C. 20407. Refer to Federal Information Processing Standard 26. (Price 40 cents a copy.)

b. Others may obtain copies from the American National Standards Institute, 1430 Broadway, New York, New York 10018. Refer to American National Standard X3.18 1967, One-Inch Perforated Paper Tape for Information Interchange. Price is \$2.50 a copy. (Discounts available on quantity orders. See ANSI catalog.)