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**TAKE-UP REELS FOR
ONE-INCH PERFORATED TAPE
FOR
INFORMATION INTERCHANGE**

**U.S.
DEPARTMENT
OF
COMMERCE**

National
Bureau
of
Standards

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

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 of paper tape take-up (or storage) reels, with either fixed or separate flanges. The two types of reels specified differ in the size and shape of the drive hub, but both are intended for use with one-inch perforated paper tape devices.

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

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ANNOUNCING THE STANDARD FOR

Take-Up Reels for One-Inch Perforated 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. Take-Up Reels for One-Inch Perforated Tape for Information Interchange.

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

Explanation. This standard specifies the physical dimensions of paper tape take-up (or storage) reels, with either fixed or separate flanges. The two types of reels specified differ in the size and shape of the drive hub, but both are intended for use with one-inch perforated paper tape devices.

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 26, One-Inch Perforated Paper 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 This standard is applicable to all one-inch perforated tape take-up reels and related devices employing such reels, including paper tape readers, punches, and related tape handling equipments. Federal information processing systems and associated equipment employing such devices shall provide the capability to accept one of the two types of reels specified in the standard.

Implementation Schedule. All applicable equipment and reels 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 and reels procured or on order prior to the date of this FIPS PUB.
- b. Where equipment and reel procurement actions are into the solicitation phase (i.e., Request 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 and reels 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 Sciences 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 paper tape reel requirements set forth in the American National Standard X3.20-1967, Take-Up Reels for One-Inch Perforated Tape for Information Interchange, which was developed and approved by the American National Standards Institute.

Qualifications. The standard specifies two types of paper tape reels, both of which are intended for use with one-inch perforated tape. It is not intended that one reel type or related equipment be implemented to the exclusion of the other, nor is it intended that all perforated tape devices provide reel handling capabilities. It is recognized, due to the two basic types of reels, flange diameters, and the direction of tape wind, that the interchange of information on reels or without reels must be accompanied by additional documentation or by previous arrangements between the sender and recipient.

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 27. (Price 45 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 X3.20-1967, Take-Up Reels for One-Inch Perforated Tape for Information Interchange. Price is \$3.00 a copy. (Discounts available on quantity orders. See ANSI catalog.)