

NASA Technical Memorandum 100702

Specification for  
IBM/IBM Compatible 3480  
Tape Cartridge

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J. L. Perry

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# Specification for IBM/IBM Compatible 3480 Tape Cartridge

J. L. Perry  
*Goddard Space Flight Center  
Greenbelt, Maryland 20771*

**NASA**

National Aeronautics  
and Space Administration

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

GODDARD SPACE FLIGHT CENTER

SPECIFICATION FOR IBM/IBM COMPATIBLE

3480 TAPE CARTRIDGE

This specification was developed by the Goddard Space Flight Center's Magnetic Tape Certification Facility (MICF), Greenbelt, MD 20771, and generally reflects available state-of-the art products. Copies may be obtained from GSFC, Code 562.2.

1. SCOPE AND CLASSIFICATION

1.1 Scope. This specification covers the requirements for magnetic oxide-coated IBM/IBM compatible 3480 cartridges designed for use in digital recording applications. The 3480 cartridges covered by this specification are intended for use on 3480 compatible transports using the Group Coded Recording method for recording maximum densities of 37,871 Characters Per Inch (CPI).

1.2 CLASSIFICATION

1.2.1 General. Each individual 3480 cartridge configuration covered by this specification shall be identified by an item identifying part number consisting of the specification number with revision indicator (if any), and the indicators compiled from the part number code as follows:

<u>TM-100702</u>	34	54	TC
Specification Number	Application Indicator	Tape Length Indicator	Tape Container

1.2.2 Part Number Code

Part Number	Indicator
34	3480 Recording
54	540 feet minimum
TC	Cartridge (3480)

## 2. APPLICABLE DOCUMENTS

2.1 Specifications and Standards. The following documents, of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein:

### Federal Specifications:

PPP-B-636 - Boxes, Shipping, Fiberboard.

### Federal Standards:

Fed. Std. No. 123 - Marking for Domestic Shipment (Civil Agencies).

Fed. Test Method Std. No. 406/GEN - Plastics: Method of Testing.

Fed. Test Method 406/1013 - Tensile Properties of Thin Plastic Sheets and Films.

Fed. Test Method 406/4041 - Electrical Resistance.

Organizations outside the Federal Government may obtain copies of Federal Specifications, Standards, and Handbooks as outlined under General Information in the Index of Federal Specifications and Standards and at the prices indicated in the Index. The Index, which includes cumulative monthly supplements as issued, is for sale on a subscription basis by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

Single copies of Federal Specifications required by organizations outside the Federal Government for bidding purposes are available without charge from Business Service Centers at the General Services Administration Regional Offices in Boston, New York, Washington, Atlanta, Chicago, Kansas City, Fort Worth, Denver, San Francisco, Los Angeles and Seattle.

Federal Government organizations may obtain copies of Federal Specifications, Standards, and Handbooks and the Index of Federal Specifications and Standards from established distribution points in their agencies.

### Military Standards:

MIL-STD-105D - Sampling Procedures and Tables for Inspection by Attributes.

Copies of Military Specifications and Standards required by suppliers in connection with specific procurement functions should be obtained from the procuring agency or as directed by the contracting officer.

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