

# IBM 3.5-Inch Diskettes



## An advancement in storage media

Rugged, reliable and powerful—with compact convenience—IBM 3.5-Inch 1.0MB and 2.0MB Diskettes represent a significant advancement in the development of high-quality storage media. The IBM 3.5-Inch 1.0MB Diskette is developed for use with the IBM Personal System/2™ Model 30. The IBM 3.5-Inch 2.0MB Diskette is for use with the IBM Personal System/2 Models 50, 60 and 80.

- The IBM 3.5-Inch 1.0MB Diskette can also be used with the:
- IBM PC Convertible Model 5140
  - IBM Personal Computer XT™ Models 089, 268 and 278, and the IBM Personal Computer AT® Model 339 (with the 3.5" Internal Diskette Drive option)
  - IBM PC, PC XT, PC AT, and Portable PC (with the 3.5" External Diskette Drive)

When you use IBM 3.5-Inch Diskettes, you get:

- Enhanced reliability
- Increased storage capacity (with the 2.0MB diskette)
- Additional data protection provided by a hard plastic cartridge

The IBM logo, consisting of the letters 'IBM' in a bold, sans-serif font with horizontal stripes through the letters.

## Highlights

IBM 3.5-Inch Diskettes offer many outstanding features. When you select these diskettes, you can:

### Minimize storage problems.

The slim, compact size of the IBM 3.5-Inch Diskette makes storage easier and simpler. The diskette can easily be slipped into a compartment in a briefcase or even into a pocket.

### Reduce the risk of accidental damage.

The durable hard plastic cover of the IBM 3.5-Inch Diskette safeguards your data far better than standard floppy disks. The diskette cannot be folded or bent, nor is its magnetic media easily exposed. A cartridge liner serves as a cleaning element for the media while the diskette is in use.

### Stop hunting for tabs or sleeves.

The IBM 3.5-Inch Diskette comes with a built-in write-protect switch. Also, unlike standard floppy disks, a storage sleeve is unnecessary with a 3.5-inch diskette.

### Get thoroughly tested

**media.** IBM 3.5-Inch 1.0MB and 2.0MB Diskettes are tested to the same high-quality specifications as other IBM data storage products. During the manufacture of the IBM 3.5-Inch Diskette, a series of electrical tests is performed to help protect against the loss of your data. These tests include:

- Signal amplitude—a measurement of the strength of the recorded information
- Resolution—a measurement of signal-amplitude clarity over the range of recorded data
- Modulation—a measurement of the allowable variation of the signal amplitude
- Overwrite—a measurement of the diskette's ability to be rewritten or rerecorded during its lifetime
- Missing pulse—a test that checks for the loss of recorded information
- Extra pulse—a test that checks for the presence of unwanted information

### What you get

Ten IBM 3.5-Inch Diskettes come in a shrink-wrapped slipcase with a clear plastic sleeve for each diskette and 30 pressure-sensitive labels in assorted colors. Diskette care and handling information is printed on the back of each label.

## Hardware supported

To determine which IBM 3.5-Inch Diskette is right for your IBM Personal System/2 or IBM Personal Computer, refer to the 3.5-Inch Media/Drive Compatibility Table below.

## Warranty

Every IBM 3.5-Inch Diskette is built to meet high standards of quality and reliability.

Each diskette is warranted to be free of defects in materials and workmanship for a period of five years.

<sup>™</sup> *Personal System/2 and Personal Computer XT are trademarks of International Business Machines Corporation.*

<sup>®</sup> *IBM and Personal Computer AT are registered trademarks of International Business Machines Corporation.*

## IBM 3.5-Inch Media/Drive Compatibility Table

3.5-Inch Diskette Media		3.5-Inch Drive		
Unformatted Capacity	Formatted Capacity	PC Convertible Model 5140 and PC Drive Options*	IBM Personal System/2 Model 30	IBM Personal System/2 Models 50, 60, 80
1.0MB P/N 6404107	720KB	X	X	X
2.0MB P/N 6404078	1.44MB			X

\* IBM PC XT Models 089, 268, and 278, and PC AT Model 339 (with the IBM 3.5" Internal Diskette Drive option), and IBM PC, PC XT, PC AT, and Portable PC (with the IBM 3.5" External Diskette Drive).

### Notes:

The IBM 3.5-Inch 1.0MB Diskette should always be formatted to 720KB capacity. Also, the IBM 3.5-Inch 2.0MB Diskette should always be formatted to 1.44MB capacity.

A physical specification difference exists between the IBM 3.5-Inch 1.0MB Diskette media and the IBM 3.5-Inch 2.0MB Diskette media. Attempts to substitute an IBM 3.5-Inch 1.0MB Diskette for an IBM 3.5-Inch 2.0MB Diskette or substitute an IBM 3.5-Inch 2.0MB Diskette for an IBM 3.5-Inch 1.0MB Diskette will result in unreliable data recording and possible loss of data.



© IBM Corp. 1987  
International Business Machines Corporation  
Information Systems Group  
Dept. KPE  
900 King Street  
Rye Brook, NY 10573  
Printed in the United States of America  
4-87  
All Rights Reserved  
G360-2729-00

References in this publication to IBM products or services do not imply that IBM intends to make them available outside the United States.

G360-2729-00

