

Diskette Types

DISKETTE 1

One-Sided, 128-Bytes-Per-Sector Diskette

The 128-bytes-per-sector diskette (IBM PN 2305830) can be used on such devices as the following:

- IBM 3540 Diskette Input/Output Unit
- IBM 3601 Finance Communication Controller
- IBM 3602 Finance Communication Controller
- IBM 3741 Data Station
- IBM 3742 Dual Data Station
- IBM 3747 Data Converter
- IBM 3773 Communication Terminal
- IBM 3774 Communication Terminal
- IBM 3775 Communication Terminal
- IBM 3776 Communication Terminal
- IBM 3777 Communication Terminal
- IBM 3791 Controller
- IBM 3881 Optical Mark Reader, Model 3
- IBM 3890 Document Processor
- IBM 4962 Disk Storage Unit, Models 2, 2F, and 4
- IBM 4964 Diskette Unit
- IBM 5231 Controller, Model 2
- IBM 5320 System Unit—System/32
- IBM 5340 System Unit—System/34
- IBM 7840 Film Thickness Analyzer
- IBM 7841 Textile Color Analyzer

This diskette has 77 tracks (00 through 76), with 26 sectors per track and one track per cylinder. Each sector is 128 bytes in length. Cylinders 1 through 74 are available for user data providing 1,924 sectors or 246,272 bytes. Cylinders 75 and 76 are reserved for alternative cylinder assignment.

When this diskette is used for basic data exchange, 73 cylinders (1 through 73) are used. Cylinder 74 is not used. A basic data exchange diskette provides 1,898 sectors or 242,944 bytes.

One-Sided, 256-Bytes-Per-Sector Diskette

The 256-bytes-per-sector diskette (IBM PN 2305845) can be used on the following devices:

- IBM 3601 Finance Communication Controller, Models 1, 2A, and 3A
- IBM 3602 Finance Communication Controller
- IBM 3791 Controller

This diskette has 77 tracks (00 through 76), with one track per cylinder. The index cylinder (00) consists of 26 sectors with 128 bytes per sector. Cylinders 1 through 76 have 15 sectors per cylinder. Each sector is 256 bytes in length. Cylinders 1 through 74 are available for user data. This provides 1,110 sectors or 284,160 bytes. Cylinders 75 and 76 are reserved for alternative cylinder assignment.

One-Sided, 512-Bytes-Per-Sector Diskette

The 512-bytes-per-sector diskette (IBM PN 1669954) can be used on the following devices:

- IBM 5320 System Unit—System/32
- IBM 5340 System Unit—System/34
- IBM 7840 Film Thickness Analyzer
- IBM 7841 Textile Color Analyzer

This diskette has 77 tracks (00 through 76), with one track per cylinder. The index cylinder (00) consists of 26 sectors with 128 bytes per sector. Cylinders 1 through 76 have 8 sectors per cylinder. Each sector is 512 bytes in length. Cylinders 1 through 74 are available for user data. This provides 592 sectors or 303,104 bytes. Cylinders 75 and 76 are reserved for alternative cylinder assignment.

DISKETTE 2

Two-Sided, 256-Bytes-Per-Sector Diskette

The two-sided, 256-bytes-per-sector diskette (IBM PN 2736700) can be used on the following devices:

- IBM 3601 Finance Communication Controller, Models 2B and 3B
- IBM 3602 Finance Communication Controller, Models 1A and 1B
- IBM 4962 Disk Storage Unit, Models 2, 2F, and 4
- IBM 4964 Diskette Unit

This diskette has 77 cylinders (00 through 76). The index cylinder (00) consists of twenty-six 128-byte sectors on each side of the diskette for a total of 52 sectors. Cylinders 1 through 76 each have fifteen 256-byte sectors on each side of the diskette for a total of 30 sectors per cylinder. Cylinders 1 through 74 are available as primary cylinders for data. This provides 2,220 sectors or 568,320 bytes. Cylinders 75 and 76 are reserved for alternative cylinder assignment.

DISKETTE 2D

Two-Sided, Double-Density, 256-Bytes-Per-Sector Diskette

The two-sided, double-density, 256-bytes-per-sector diskette (IBM PN 1766872) can be used on the IBM 5340 System Unit—System/34, Models A21, A22, A23, B21, B22, B23, C21, C22, and C23.

This diskette has 77 cylinders (00 through 76). The index cylinder (00) consists of twenty-six 128-byte sectors on side 0 and twenty-six 256-byte sectors on side 1 for a total of 52 sectors. Each 256-byte sector on cylinder 0 contains two 128-byte data set labels. Cylinders 1 through 76 each have twenty-six 256-byte sectors on each side of the diskette for a total of 52 sectors per cylinder. Cylinders 1 through 74 are available as primary cylinders for data. This provides 3,848 sectors or 985,088 bytes. Cylinders 75 and 76 are reserved for alternative cylinder assignment.

Two-Sided, Double-Density, 1,024-Bytes-Per-Sector Diskette

The two-sided, double-density, 1,024-bytes-per-sector diskette (IBM PN 1669045) can be used on the IBM 5340 System Unit—System/34, Models A21, A22, A23, B21, B22, B23, C21, C22, and C23.

This diskette has 77 cylinders (00 through 76). The index cylinder (00) consists of twenty-six 128-byte sectors on side 0 and twenty-six 256-byte sectors on side 1 for a total of 52 sectors. Each 256-byte sector on cylinder 0 contains two 128-byte data set labels. Cylinders 1 through 76 each have eight 1,024-byte sectors on each side of the diskette for a total of 16 sectors per cylinder. Cylinders 1 through 74 are available as primary cylinders for data. This provides 1,184 sectors or 1,212,416 bytes. Cylinders 75 and 76 are reserved for alternative cylinder assignment.