

Markette Description

The Memorex Markette is directly interchangeable with IBM compatible flexible discs and is initialized and formatted for use on IBM 3740, 3540, System/32 or equivalent systems or applications. Functioning typically at 360 RPM, the Markette has a nominal storage capacity of 1.9 million bits which is equivalent to the data that can be contained on 3,000 80-column punch cards.

The polyester base of the Markette is precision coated with a specially designed gamma ferric oxide formulation and then finished to a surface smoothness of two micro-inches. This unique combination provides optimal recording performance by improved head-to-disc contact while at the same time drastically reducing head wear. More than 10 million passes per track can be made on Markettes with no significant signal degradation.

The tough coated disc is contained in a protective, plastic jacket, lined with a cleaning material selected for its wiping and frictional characteristics. The cleaning action of the liner is further enhanced by the innovative manner with which it is installed.

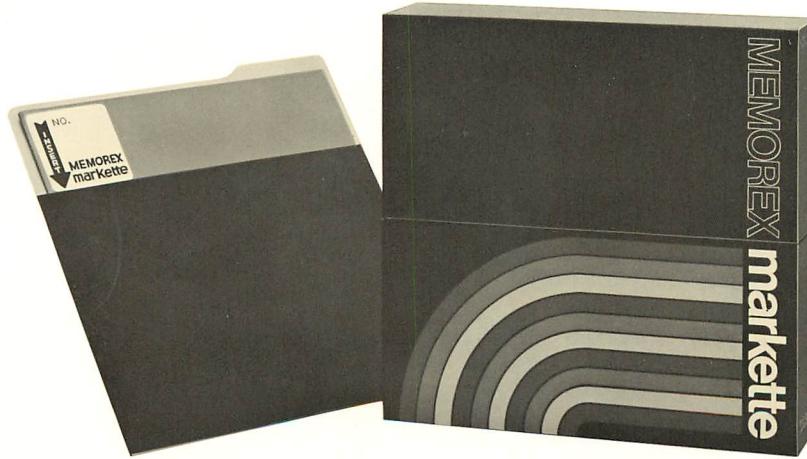
Stress relief holes, placed on the edge of the jacket adjacent to the read/write slot, prevent crease damage to the disc when the cartridge is flexed.

Prior to packaging and shipment, each Markette is 100% tested and guaranteed to be error free.

Markettes are packaged ten to a box. When not in use, Markettes are stored in protective envelopes which are tabbed for color-coding and protrude above the edge of the box when its top is removed. Each box of Markettes contains an assortment of self-adhesive, peelable labels for color-coding, a postage-paid Markette re-order card and a collect HOT LINE phone number for customers requiring expedited delivery.

MEMOREX

Markette



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Markette General Specifications

Performance Characteristics¹

Format: IBM 3740 compatible
Dropouts: 0
Dropins: 0
Durability: 10 million passes per track
Head Wear: Less than $25/\mu\text{in}$ per 92 hours

Disc Substrate

3 mil polyester

Disc Coating

Thickness: 100 microinches gamma ferric oxide
Surface Roughness: 2 microinches arithmetic average
Coercivity: 270 Oersteds

Disc Dimensions

Diameter: 7.88 inches
Inside Diameter: 1.50 inches
Index Hole: 0.1 inch

Jacket Characteristics

Outside Dimensions: 8 inches square
Material Thickness: 0.01 inch
Total Jacket Thickness: 0.072 inch
Material: Matte vinyl

Environmental Conditions

Operating and Storage:
50°F to 125°F
8-80% Relative Humidity
Wet bulb less than 85%
Shipping:
-40°F to +125°F
80% Relative Humidity Max.

¹Memorex Standard Test Conditions

Memorex Corporation
1200 Memorex Drive
Santa Clara, California 95052
408/987-2520