

# Worldwide Sales Locations

## Memorex Corporation

San Tomas at Central Expressway  
Santa Clara, California 95052  
(408) 987-1000  
Telex 346 442

## United States

### Alabama

Birmingham (205) 870-5410

### Arizona

Phoenix (602) 254-5466

### Arkansas

Little Rock (501) 374-0279

### California

Anaheim (714) 776-8571  
Los Angeles (213) 473-0811  
Long Beach (213) 595-4656  
San Francisco (415) 397-9496  
Santa Ana (714) 549-9961  
San Diego (714) 571-1133

### Colorado

Denver (303) 837-0205

### Connecticut

Greenwich (203) 637-5421  
Hartford (203) 568-1370

### Florida

Miami (305) 558-9320  
Jacksonville (904) 731-1744

### Georgia

Atlanta (404) 321-0200

### Illinois

Chicago (312) 620-3200

### Indiana

Indianapolis (317) 293-8055

### Kansas

Kansas City (913) 362-1650

### Kentucky

Louisville (502) 425-8395

### Louisiana

New Orleans (504) 522-4401

### Maryland

Baltimore (301) 666-8800

### Massachusetts

Boston (617) 890-0700

### Michigan

Detroit (313) 354-4511

### Minnesota

Minneapolis (612) 835-6635

### Missouri

St. Louis (314) 576-4570

### Nebraska

Omaha (402) 391-0486

### New Jersey

Newark (201) 325-0164

### New York

Albany (518) 458-7099  
Buffalo (716) 631-5410

New York (212) 541-7780

Syracuse (315) 451-4330

### North Carolina

Charlotte (704) 527-4923  
Greensboro (919) 294-4374

### Ohio

Cincinnati (513) 621-7120  
Cleveland (216) 447-0780  
Columbus (614) 885-0415

### Oklahoma

Oklahoma City (405) 235-1245  
Tulsa (918) 622-6743

### Oregon

Portland (503) 620-4800

### Pennsylvania

Philadelphia (215) 337-1050  
Pittsburgh (412) 531-8711

### Texas

Dallas (214) 258-3510  
Houston (713) 688-1451

### Virginia

Richmond (804) 288-3116

### Washington

Seattle (206) 575-3823

### Washington, D.C.

(703) 821-3300

### Wisconsin

Milwaukee (414) 327-4040

## Americas & Asia Headquarters

San Tomas at Central Expressway  
Santa Clara, California 95052  
Telex 334-492

### Argentina

Buenos Aires 45-1839

### Australia

Melbourne 20-4571  
Sydney 908-2211

### Brazil

Sao Paulo 287-6988, 287-2262  
Rio de Janeiro 264-3483

### Canada

Toronto, Ontario (416) 449-9940  
Dorval, Quebec (514) 636-9912  
Ottawa, Ontario (613) 737-3411  
Vancouver, B.C. (604) 873-3322  
Edmonton, Alberta (403) 454-8671  
Dartmouth, Nova Scotia (902) 435-1813  
Calgary, Alberta (403) 243-1710

### Japan

Tokyo (03) 273-8901 thru 7  
Osaka (06) 203-6601 thru 4  
Nagoya (092) 471-3205  
Fukuoka-shi (092) 451-2073

## Mexico

Mexico City (905) 553-5302

## New Zealand

Wellington 334-492  
Auckland 379-157

## Peru

Lima 40-6668

## South Africa

Johannesburg 235842/235926

## Venezuela

Caracas 92-9198, 9998

## European Headquarters

Parc Industriel des Hauts Sarts  
4400 Herstal — Liege  
Belgium 041/64-45-40

## Austria

Vienna 73.24.17

## Belgium

Brussels (02) 673.80.80

## Denmark

Copenhagen 02/45 83 11

## Finland

Helsinki 90-585-544

## France

Paris 655.66.55  
Lyon 26.64.12  
Lille 57.34.34

## Italy

Milan 7383693, 7383980  
Rome 06-5920454  
Padua 662986, 612754  
Turin 011-547413/542504  
Bologna 051-480555/6

## Netherlands

Amsterdam 44-89-51 (020)

## Norway

Oslo (02) 219160

## Spain

Madrid 207-8445

## Sweden

Bromma (08) 980980

## Switzerland

Zurich 20-11-671  
Geneva 022/355221-360285

## United Kingdom

Altrincham 061-928-8322  
Middlesex 01-570-7716

## West Germany

Munich 18-90-71  
Cologne 23-87-63  
Frankfurt/Main 417061-2  
Hamburg 41-80-01  
Stuttgart 28-10-06

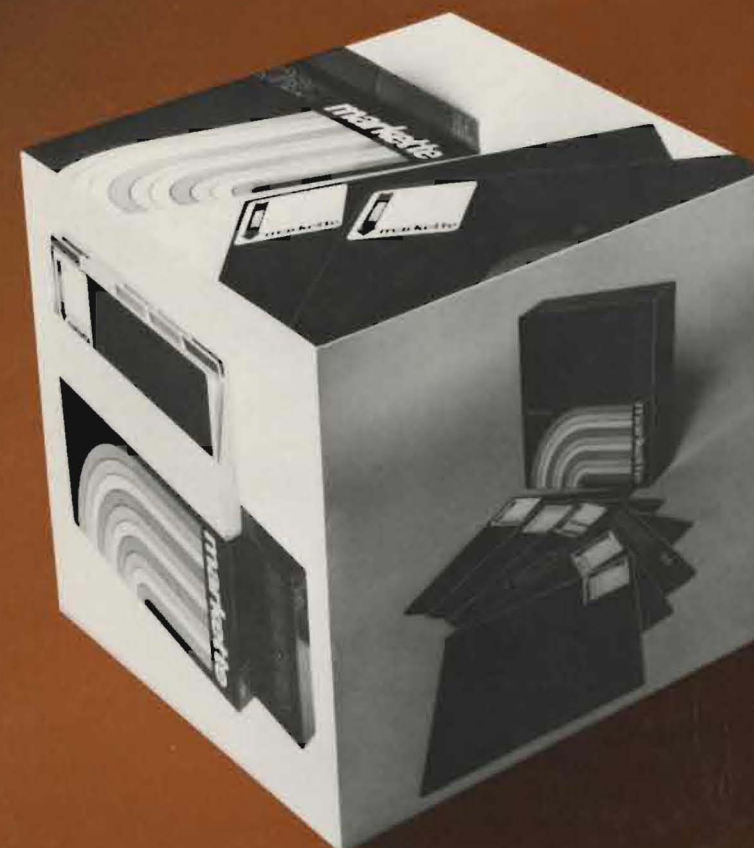
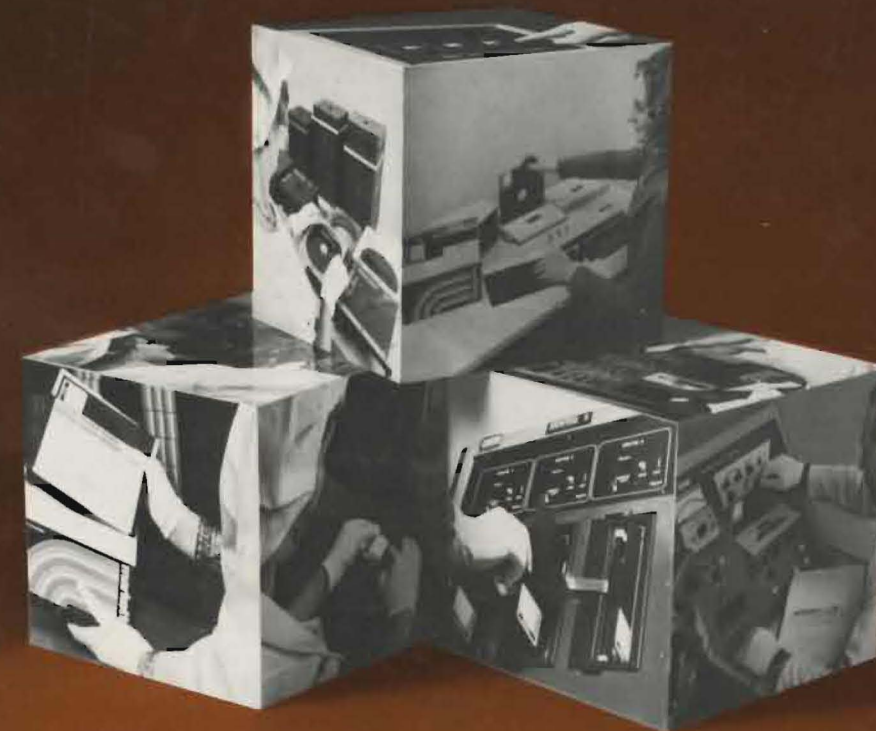
## Memorex Corporation—Quality, Value, Service

Founded in 1961, Memorex employs nearly 10,000 highly skilled people in more than 100 locations throughout the world. With modern headquarters and major manufacturing facilities in Santa Clara, California, Memorex also has production facilities in Liege, Belgium; Nogales, Mexico; Eau Claire, Wisconsin; and Irvine, Santa Ana, and Anaheim, California, plus a network of regional warehousing and distribution centers.

Memorex is a worldwide supplier of high technology equipment and magnetic recording media used in data storage, retrieval and communications. The growing line of products today includes high quality disc, tape and semiconductor data storage systems; telecommunications processors and terminals; computer tape, disc packs and data modules; audio and video tapes; word processing supplies; and field engineering and facilities management services.

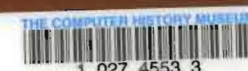


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MEMOREX

Markette®  
Flexible Discs





From Memorex®, the world's largest independent manufacturer of magnetic recording media, the Markette® family of flexible discs.



If one word had to be used to summarize the Memorex family of Markette® flexible discs, the word would be "excellence." Excellence rooted in a rare combination of Memorex experience, with 17 years in the formulation and production of magnetic recording media and a decade in the development and manufacture of computer peripheral equipment. And excellence demonstrated in every process, from proprietary manufacturing techniques to proprietary testing procedures, and in every product, be it the latest in flexible disc drives or the latest in flexible disc media.

Memorex Markettes are designed to give optimum performance for a wide range of applications:

- data entry and retrieval
- minicomputers
- intelligent terminals
- auxiliary storage for large system mainframes
- word processing, and
- hobby/home computers.

Quality excellence in Memorex Markettes comes from continual quality surveillance throughout the manufacturing process, and from total control through vertically integrated manufacturing. We coat our own roll media for producing flexible discs. By coating all of our media ourselves we have a greater degree of control over our total product quality.

A key part of our total capability lies in our ability to custom format our Markettes to suit the unique formatting and initializing requirements of our customers, even on short notice.

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The Markette flexible disc family. Covering the full line of flexible disc products.

Product List

Markette Family

Markette 1s (Single Headed Drives, Single Density Media)

Markette 1d (Single Headed Drives, Double Density Media)

Markette 2s (Double Headed Drives, Single Density Media)

Markette 2d (Double Headed Drives, Double Density Media)

Markette F.D. (Memorex 651 or Equivalent Drive Compatible)

Mini-Markette (5¼", Single- and Two-Headed Drives, Single Density Media)

Products of the Family

IBM Compatible (128 bytes/sector)

IBM Compatible, Reversible (128 bytes/sector)

32 Hard Sector

32 Hard Sector, Reversible

IBM Compatible, System 6

IBM Compatible (128 bytes/sector)

IBM Compatible, Reversible (128 bytes/sector)

32 Hard Sector

32 Hard Sector, Reversible

Soft Sector (256 bytes/sector)

32 Hard Sector

Soft Sector (256 bytes/sector)

Soft Sector (1024 bytes/sector)

32 Hard Sector

FDIV (Lexan® jacket)

FDVI (Vinyl jacket)

Soft Sector (unformatted)

10 Hard Sector

16 Hard Sector

Memorex Catalog No.	Data Storage Capacity (Millions of Bits)
32013060	1.9
32011729	3.8
32013015	3.2
32013025	6.4
32013066	2.5
32013090	3.8
32013093	7.6
32013091	6.4
32013094	12.8
32013106	4.7
32013108	6.4
32013103	9.4
32013104	10.1
32013105	12.8
30700001	2.5
30712003	2.5
32013401	0.8
32013403	1.0
32013405	1.0

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Detailed Specifications

Parameter	Markette 1s	Markette 1d	Markette 2s	Markette 2d	Markette F.D.	Markette Mini
Data Capacity (Millions of bits)	1.9 - 3.8	3.8 - 12.8	4.7 - 6.4	9.4 - 12.8	2.5	0.8 - 2.0
Magnetic Media Density	Single	Double	Single	Double	Single	Single
Type of Drive	Single-Headed	Single-Headed	Two-Headed	Two-Headed	Memorex 651	Single- and Two-Headed, Mini
Recording Sides	1 or 2	1 or 2	2	2	1	1
Durability (Millions of passes)	2	1	2	1	1	2
Error Free	Yes	Yes	Yes	Yes	Yes	Yes
Operating & storage temperature	50°F-125°F	50°F-125°F	50°F-125°F	50°F-125°F	*	50°F-125°F
Write Protect Feature	Optional	Standard	Standard	Standard	Optional	Standard
Tracks Per Side	77	77	77	77	64	40
Custom Formatting	Optional	Optional	Optional	Optional	N/A	N/A

\*FDIV 50°F to 150°F / FDVI 50°F to 125°F

General Specifications

Disc Substrate

3 mil polyester

Disc Coating

Thickness: 110 microinches nominal gamma ferric oxide

Surface roughness: 3 microinches or less, arithmetic average

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.

Warranty

Memorex Markettes® for one and two headed drives are delivered free of defects in materials and workmanship. Performance is guaranteed for a period of one year from date of invoice.

Memorex reversible Markettes are delivered free of defects in materials and workmanship. Performance is guaranteed for only one revolution of operation on the reverse side due to possible damage of the disc by the non-standard application.



# Markette flexible disc quality. You choose the criteria. You judge the facts.



## The Disc.

Each die-cut disc is polished to a glossy surface smoothness of three micro-inches. Increased disc life and resultant data reliability are tangible benefits of the meticulous care taken in producing the disc itself. Every disc begins as a piece of tough polyester base film to which a proprietary gamma ferric oxide is applied in environmentally-controlled clean rooms under rigorous, constantly monitored conditions. Before being die-cut into individual discs the material is uniformly coated and then surface treated.

Our proprietary coating formulation has superior cohesive properties which reduce shedding of the oxide coating and self-generating debris, and assure greater data reliability.



## The Jacket.

As superbly manufactured as the disc is, the disc's quality is meaningless unless matched by the quality of the jacket. The jacket is the container that houses the disc for its entire operational life. Memorex quality for these two components matches exactly.

Chosen for its ability to absorb minute foreign particles that could cause errors, the liner material is carefully installed to snugly envelop the disc. Thus, the liner constantly cleans and cushions the disc during its operation.

Memorex's unique pattern of bonding the liner to the jacket enhances the wiping and cleaning action of the liner. Superior cleaning and minimizing of debris mean greater data reliability.

When the disc is flexed, special stress relief notches on the edge of the Markette jacket prevent crease damage. The disc is protected—and so is the data stored on the disc.



## The Testing.

Media durability. Magnetic parameters. Signal levels. Noise. Drop-outs. Modulation. Resolution. These are just some of the items on a long checklist used to rigorously test Markette flexible discs.

What counts is what is delivered. A Markette flexible disc you can be sure is 100 percent error-free when you get it, because we test *each track of each* Markette—individually—to the most stringent specifications in the industry. Our Markettes deliver increased data reliability, consistent performance and effective equipment utilization.



## The Packaging.

Ease of operation and protection for the product are the two keys to our product packaging. The standard Markette flexible disc package is a crush-resistant, desktop box that houses 10 discs. Our crush-resistant box offers convenient filing and storage of Markettes. Color-coded labels and tabbed envelopes with care and handling information are all part of the package. Each jacket exterior has a plainly visible arrow to show the correct direction to insert the Markette on the drive. This improves operating efficiency.

To prevent accidentally writing over existing data on a disc, a write-protect feature is available on most of our Markettes. To facilitate re-writing, write-enable labels are also provided. The result? A product that is *human-engineered* for convenient use, improved efficiency, reduced procedural errors and the safety and security of the disc and data.