

Flexible Discs

Description

Memorex has made its mark in a number of areas during the twenty years we've been in the data processing and storage business. Quality control, however, ranks number one on our list of priorities—and accomplishments.

Quality control at Memorex means starting with the best materials available. Continual surveillance throughout the entire manufacturing process. The benefit of our years of experience in magnetic media production, resulting, for instance, in proprietary coating formulations. The most sophisticated testing procedures you'll find anywhere in the business.

Each and every Memorex Flexible Disc is certified to be 100% error-free. We test signal amplitude, resolution, low pass modulation, overwrite, missing pulse error, and extra-pulse error. They are torque-tested. And tested on drives available from almost every manufacturer in the industry, not just our own. Quality audits are built into every step of the manufacturing process, from the way the disc is inserted into the jacket to the way the labels are applied.

Of course that takes time. And money. But it also takes commitment—by every person involved in Memorex's Flexible Disc production organization, from top management to assembly line worker.

Memorex's commitment to quality is a commitment to our customers, our partners, who can be confident of using the best product available. And it's a commitment to ourselves—reflecting the pride we take in providing a superior flexible disc.

General Specifications

Disc Substrate 3 mil polyester

Disc Coating

Thickness: 100 microinches nominal
gamma ferric oxide
Surface roughness: 3 microinches or less
arithmetic average

Disc Dimensions

Diameter: 7.880 inches
standard flexible disc
5.125 inches
mini flexible disc
Inside diameter: 1.500
standard flexible disc
1.125
mini flexible disc
Index hole: 0.100
standard and mini flexible
discs

Jacket Characteristics

Outside dimensions: 8 inches square
standard flexible disc
5.250 inches
mini flexible disc
Material thickness: .010 standard flexible disc
.0085 mini flexible disc
Material: Matte vinyl (special non-woven fabrics are used for liner)

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
maximum

Full One Year Warranty

Memorex Flexible Discs will be replaced free of charge if they are found to be defective in materials or workmanship within one year of the date of purchase. Other than replacement, Memorex will not be responsible for any damages or losses (including consequential damages) caused by the use of Memorex Flexible Discs.

MEMOREX

Flexible Discs

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Product Specifications

Product Family	Format Compatibility				Jacket Features		Media Features			
	Sectoring	Bytes/Sector	Sectors/Track	System Compatibility	Write-Protect	Hub Ring	Tested Tracks	Tracks Per-Inch	Bits-Per-Radian	Tested Capacity Bytes-Per-Disc
"1s" Flexible Disc (Single-headed drive) (Single-density media)										
32013060	Soft	128	26	IBM	NO	NO	77	48	6631	401,000
32013062	Soft	128	26	IBM	YES	NO	77	48	6631	401,000
32013064	Soft	128	26	IBM	YES	YES	77	48	6631	401,000
32011729*	Soft	128	26	IBM	YES	NO	154	48	6631	802,000
32013066	Soft	512	8	IBM	NO	NO	77	48	6631	401,000
32013109	Soft	256	15	IBM	NO	NO	77	48	6631	401,000
32013110	Soft	512	8	IBM	NO	NO	77	48	6631	401,000
32013015	32 Hard	—	—	SHUGART	YES	NO	77	48	6631	401,000
32013025*	32 Hard	—	—	SHUGART	YES	NO	154	48	6631	802,000
32013087	32 Hard	—	—	WANG	YES	YES	77	48	6631	401,000
32013045	Soft	128	26	CPT	YES	NO	77	48	6631	401,000
"1d" Flexible Disc (Single-headed drive) (Double-density media)										
32013090	Soft	128	26	—	YES	NO	77	48	13262	802,000
32013093*	Soft	128	26	—	YES	NO	154	48	13262	1,604,000
32013091	32 Hard	—	—	SHUGART	YES	NO	77	48	13262	802,000
32013094*	32 Hard	—	—	SHUGART	YES	NO	154	48	13262	1,604,000
32013088	32 Hard	—	—	SHUGART	YES	YES	77	48	13262	802,000
"2s" Flexible Disc (Double-headed drive) (Single-density media)										
32013101	Soft	—	—	—	YES	NO	154	48	6631	802,000
32013113	Soft	128	26	—	YES	NO	154	48	6631	802,000
32013106	Soft	256	15	IBM	YES	NO	154	48	6631	802,000
32013108	32 Hard	—	—	SHUGART	YES	NO	154	48	6631	802,000
"2d" Flexible Disc (Double-headed drive) (Double-density media)										
32013102	Soft	—	—	—	YES	NO	154	48	13262	1,604,000
32013115	Soft	128	26	—	YES	NO	154	48	13262	1,604,000
32013103	Soft	256	26	IBM	YES	NO	154	48	13262	1,604,000
32013114	Soft	512	15	IBM	YES	NO	154	48	13262	1,604,000
32013104	Soft	1024	8	IBM	YES	NO	154	48	13262	1,604,000
32013105	32 Hard	—	—	SHUGART	YES	NO	154	48	13262	1,604,000
32013092	32 Hard	—	—	SHUGART	YES	YES	176	64	—	1,013,800
"1s" Mini Flexible Disc (Single-headed drive) (Single-density media)										
32013401	Soft	—	—	—	YES	NO	40	48	3979	125,000
32013403	10 Hard	—	—	—	YES	NO	40	48	3979	125,000
32013405	16 Hard	—	—	—	YES	NO	40	48	3979	125,000
32013431	Soft	—	—	—	YES	YES	40	48	3979	125,000
32013433	10 Hard	—	—	—	YES	YES	40	48	3979	125,000
32013435	16 Hard	—	—	—	YES	YES	40	48	3979	125,000
"1d" Mini Flexible Disc (Single-headed drive) (Double-density media)										
32013417	Soft	—	—	—	YES	NO	40	48	7958	250,000
32013418	10 Hard	—	—	—	YES	NO	40	48	7958	250,000
32013419	16 Hard	—	—	—	YES	NO	40	48	7958	250,000
"2d" Mini Flexible Disc (Double-headed drive) (Double-density media)										
32013421	Soft	—	—	—	YES	NO	80	48	7958	500,000
32013423	10 Hard	—	—	—	YES	NO	80	48	7958	500,000
32013425	16 Hard	—	—	—	YES	NO	80	48	7958	500,000
Memorex Flexible Disc										
FD VI 30712003	32 Hard	—	—	VYDEC	NO	YES	64	48	6366	320,000

*Reversible

THE COMPUTER HISTORY MUSEUM



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