

Verbatim® High-Density 5¼" Minidisks



Verbatim Delivers Advanced Minidisk Technology for the World's Most Advanced Personal Computers.

Verbatim's DataLife HD minidisks give you several times the storage capacity of standard disks, so you can record 1.2 megabytes of information (That's 600 typewritten pages!) on a single disk. These disks are capable of storing 18.000 bits per inch (bpi) compared to the standard of 6000 bpi.

A New Particle Advancement

At the heard of Verbatim's DataLife HD minidisks is a unique magnetic coating which utilizes a state-of-the-art particle. Verbatim analyzed over 300 magnetic

particles before selecting this special new particle.

This thorough research has led to a new disk technology with a nominal magnetic coercivity of more than 600 oersteds, as compared to a nominal 310 oersteds on a standard disk.

Like all Verbatim disks, they are tested and certified 100% error free at the time of manufacture.

Verbatim's DataLife HD minidisks are ideal for running complex applications, such as spreadsheets, storing extensive data base files on all 1.6 MB systems.

General Specifications: Verbatim's High-Density Minidisks are formulated with high-coercivity media and are certified for use on 80 track, 96 tpi double-sided drives. The track width is .00625 inches (0.159 mm) nominal. Nominal data recording density on the innermost track is 9646 fci.

Reorder Number	Description	Sectors	Bytes/Sector	Storage Capacity
80626	MD/HD	soft	uninitialized	double-sided 1.6 MB
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Environment:	OPERATING	STORAGE	SHIPPING	
Temperature	50°F to 125°F (10°C to 51.6°C)	50°F to 125°F (10°C to 51.6°C)	-40°F to 125°F -40°C to 51.6°C)	
R. H. (non-condensing)	8% to 80%	8% to 80%	8% to 90%	
Wet Bulb	85°F (29.4°C)	85°F (29.4°C)	85°F (29.4°C)	

Recording Performance:

Average Signal Amplitude	at track 00, using 250,000 fpts, less than 130%; at track 79, using 500,000 fpts greater than 80%
Resolution	at track 79, greater than 90%, less than 120%
Overwrite	at track 00, less than 100% of the same ratio for secondary standard reference surface
Modulation	shall not exceed 110% of average peak-to-peak amplitude at track 00 using 250,000 fpts (1f) and 79 using 500,000 fpts (2f)

All recording performance referenced to Verbatim High-Density Standard Disk.

Critical Certification:

Every bit, of every byte, of every track is tested and certified to be 100% error free in the final jacket. An error is defined as either a missing bit or extra bit.



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