

D8™ 8mm Format Tapes



High Quality Metal

Durable Sony Innovation

Sony co-developed* the D8 format in 1987 and our tapes can be used with confidence in any D8 drive. We meet or exceed all of the D8 format specifications, providing outstanding performance - from the quality of the magnetic metal formulation - to the advanced cartridge design. Sony craftsmanship continues to provide outstanding stability and reliability. It's no surprise that this format is used worldwide for back up and distribution.

Essential Business

Data storage and restoration preserve the lifeblood and becomes an essential part your everyday business. Why trust that data to just any brand of tape? The Sony D8 format uses HDA (High Density Alloy) magnetic particles for high data integrity and stable long-term use. When choosing D8 cartridges don't play guessing games - make sure it's going to last. Sony D8 tapes are all business.

Smooth Operator

Sony's proven D8 technology is an all-around performer. To hold the HDA magnetic particles firmly on the tape, Sony developed a special HCL (High Cross Linkage) binder. This method boosts shuttle life and cuts head wear, further enhancing overall performance. When you need your data - and need it quick - there is no room for mistakes!

Embrace Its Strengths!

You rely on your data - and that data needs to be protected against the elements. D8 tape cartridges feature airtight construction and anti-static properties that help prevent contamination by dust and other foreign materials. Sony D8 tapes are tough too! They use a rugged design to reduce damage from handling or accidents. Put this strength to work for you - choose Sony D8 tapes.

*Co-developed with Exabyte Corporation.

Our Features...

Lead to Your Benefits

Advanced Binder System

The tape retains its structural integrity to resist stretching and increase durability.

These tapes just hold up better.

High Density Alloy (HDA)

Sony HDA metal particles have improved crystal structure and corrosion resistance for low error counts and high archival stability.

Maintains data integrity during storage.

High Cross Linkage (HCL) Binder

Sony HCL binder has more long polymer molecules to help maintain performance through up to 1,500 passes. Minimizes friction.

Smooth, durable tape performance.

Sony Recording Technology Working for You.

High Density Alloy (HDA)

Sony's HDA metal particle has an increased recording density and is corrosion resistant. Sony adds thinner coatings on the HDA particles to fit more data on every length of a track. Total thickness is also reduced, fitting more tape into the same cartridge shell.

HDA Particle



Conventional Metal Magnetic Particle



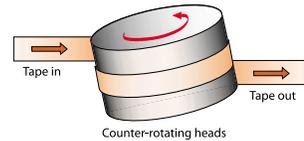
New HDA Magnetic Particle

Designed for Durability

The shell design features a tough polypropylene case for storing your data in a dust-free environment. Its heavy-duty lid mechanism is tested to over 10,000 openings and closings to ensure long life.

Helical Scan Technology

In modern professional and home video tape recording systems, the tape is drawn out of a cartridge and wrapped diagonally onto a cylinder with rotating heads.



This helical scan format has many advantages for data recording. Tape speed is much slower than linear tape recording, so tape stress is low, despite the more complex tape path. Though tape speed is slow, head-to-tape speed is fast, enabling rapid data transfer.

Specifications

NATIVE RECORDING CAPACITY AND DATA TRANSFER RATE

Model QG112MB	50 GB at 246 KB/sec (EXB-8200) †
	500 KB/sec (EXB-8500) †
Model QGD160M	70 GB at 500 KB/sec (EXB-8500) †
Model QGD170ME	Please refer to Mammoth Sell Sheet for more info.

MECHANICAL CHARACTERISTICS

Magnetic layer material	Metal Particles
Tape Width	8.00 mm
Cartridge Dimensions	92x62.5x15 mm
Total Weight (including case)	80g

RELIABILITY (ACCELERATED TEST RESULTS)

Read/Write Passes	Up to 1,500
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ENVIRONMENTAL REQUIREMENTS

Operating Conditions	41-113F (5-45C); 20-80 %RH
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Cleaning Cartridge and Drive

D8 Cleaning Tape

QGD-8CL is made for D8 drives and approved for use by Exabyte, co-developer of the D8 format. Good for 18 cleanings. Cleaning is recommended once every 30 hours of data transfer or once per month, whichever occurs first. Some D8 drive models have a cleaning light indicator to remind the user to change the tape.



† Sony media is qualified for select competitor drive models. See the Sony Data Media Compatibility Guide for complete details.

SONY

Sony Data Storage. When the data really matters.™

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