FUJIFILM

DLTSAGE WORM capable

DLTtape® S4

800GB NATIVE / 1.6TB COMPRESSED

High capacity and increased performance with sturdy, durable design helps meet the needs of backup and archival storage environments.

Leading the mid-range storage media into the field of Terabyte.

Introduction of DLTtape® S4 data cartridge leads mid-range storage media into the ground of 1.6TB (at 2:1 compression).

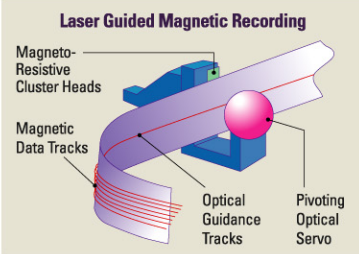
DLTtape® S4

Fujifilm's new DLTtape® S4 data cartridge supported by a proprietary Fujifilm ATOMM technology, realized high-capacity of 1.6TB at 2:1 compression (800GB native) with transfer rates of 120MB/sec. at 2:1 compression (60MB/sec. native) when used in the DLTtape® S4 tape drive. The higher-capacity and increased performance of DLTtape® S4 help meet the needs of rapidly growing data centers, increasing storage requirements and regulatory compliance directives.

High-capacity and increased performance meet the needs of backup and archival storage environments.

The high-capacity, and improved performance of Fujifilm's DLTtape® S4 data cartridge incorporates several technologies advances, including:

The Pivoting Optical Servo (POS) combines high-density magnetic data recording with laser servo guidance to provide an order of magnitude track count increase over previous Super DLTtape® products.



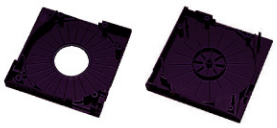
Laser Guided Magnetic Recording (LGMR) combines the best of magnetic and optical recording technologies. Since the optical tracking is on the reverse side, the entire front side of the tape can be used exclusively for data recording only (which is the one factor to realize the high capacity of 1.6TB at 2:1 compression).

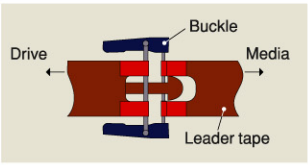
Advanced Tape-Slitting Mechanics increase the precision of the "slitting" blades necessary to create the half-inch tape reels from master rolls. This critical quality factor maintains consistent tape edge resulting and ensures smooth tape feed through the drive.

Enhanced high-polymer binder is a unique binders in combination with unique magnetic particles that result in increased durability of tape.

Sturdy, durable design

Fujifilm's DLTtape® S4 data cartridge is a cartridge with internal circular wall and structural ribbing, which realized a stout and sturdy case for safer handling and damage protection. Moreover, an enhanced mechanism of DLTtape® S4 data cartridge helps prevent accidental pin deformation from shock or vibration and maintains consistent record / playback, even after rigorous use.





Media compatibility
DLTtape® S4 / Super DLTtape® II / Super DLTtape® I / DLTtape® IV

Media \ Drive	DLT 4000	DLT 7000	DLT 8000	DLT 1	SDLT 220	SDLT 320	SDLT 600	DLT-S4
DLT 4	○	○	○	○	△	△	×	×
SDLT 1	×	×	×	×	○	○	△	△*1
SDLT 2	×	×	×	×	×	×	○	△
DLT-S4	×	×	×	×	×	×	×	○

○ : Read / Write Compatible / △ : Read Only Compatible / × : Incompatible
*1 : Able to read SDLT1 media written by SDLT320

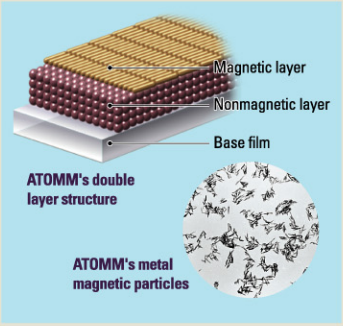
FUJIFILM DLTtape® S4 SPECIFICATIONS

Basic Specifications	Tape Drive	DLT-S4
	Capacity (Native/at 2:1 compression)	800GB (1,600GB)
	Transfer Rate (Native/at 2:1 compression)	60MB/Sec. (120MB/Sec.)
	Number of Tracks	1,280
	Cartridge Color	Black
Physical Characteristics	Tape Width	12.65mm
	Tape Thickness	8.0μm
	Tape Length	640m
	Cartridge Dimensions (H x W x D)	105.8 x 105.4 x 25.4mm
Operating Environmental Conditions	Temperature	10-40℃
	Humidity	20-80% (No Dew Condensation)
	Max. Wet Bulb Temperature	26℃
Archival Environmental Conditions	Temperature	16-32℃
	Humidity	20-80% (No Dew Condensation)
	Max. Wet Bulb Temperature	26℃

Note: Specifications are subject to change without notice.

Fujifilm ATOMM technology

ATOMM (**A**dvanced Super **T**hin Layer & High **O**utput **M**etal **M**edia) is a proprietary Fujifilm technology that has changed the history of magnetic recording industry. ATOMM incorporates a nonmagnetic lower layer and ultra-thin upper layer of high-energy metal particles applied simultaneously to a base film, resulting in media with extremely low self-demagnetization, dramatically increased high-frequency output, and significantly higher recording density.



DLTSAGE WORM capable

A set of managing / security functions which diagnoses drive and tape, assigns a tape WORM features, gives electronic keys for keeping the cartridges from unauthorized utilization.

- **DLTSage Tape Security :** gives electronic keys to prevent unauthorized access to the data on tape cartridge.
- **DLTSage WORM :** provides "Write Once Read Many" archival functionality and ensures the integrity of original content.
- **DLTSage Monitoring :** enables to health check the drive and media proactively.
- **DLTSage Diagnostics :** a tool box of drive and media diagnostics reduces the troubleshooting time and helps faster problem resolution.

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http://www.fujifilm.com/products/storage/index.html

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