

Super DLTtape™ II

A new standard in mid-range storage media.

An ideal balance of high capacity and performance.

Sturdy, durable design. High capacity, high transfer speeds.

Backward compatibility and an established upgrade track.



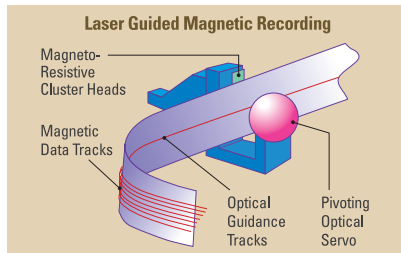
Super DLTtape™ II

*the next big performance step
for Fujifilm's proven DLTtape™
medium.*

Fujifilm's new Super DLTtape™ II data cartridge establishes a new standard in mid-range storage media. DLTtape™ drives and media are the de facto industry standard for the data backup and archiving demands of a whole range of users – from high-end workstations and department-level servers to enterprise-level storage systems. Now Fujifilm's Super DLTtape™ II data cartridge represents a major step upward in performance and capacity – **600GB compressed (300GB native)**, with transfer speeds of **72MB/sec. compressed (36MB/sec. native)** when used in the SDLT 600 tape drive. Plus the reliability and durability that our customers have come to depend on to protect their data investments.

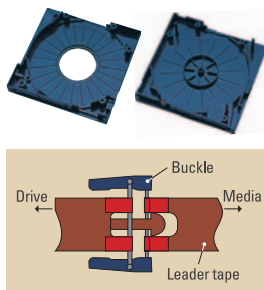
An ideal balance of high-capacity and performance

The high-capacity, high-accuracy performance of Fujifilm's Super DLTtape™ II data cartridge is made possible by a number of technological innovations. **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 DLTtape™ products. **Laser Guided Magnetic Recording (LGMR)** combines the best of magnetic and optical recording technologies – the optical tracking is on the reverse side, so the entire front side of the tape can be used exclusively for data recording, another factor allowing more recording tracks. An **advanced tape-cutting mechanism** helps provide extremely stable media with for smooth lateral tape motion. With these innovations and the use of industry-acclaimed ATOMM technology, the birth of this revolutionary media, providing high reliability, high capacity (up to 600GB compressed), and high transfer rates (up to 72MB/sec. compressed), was made possible.



Sturdy, durable design

Fujifilm's Super DLTtape™ II data cartridge incorporates a newly designed cartridge with an **internal circular wall and structural ribbing**, creating a stiffer, sturdier case for safer handling and damage protection. The Super DLTtape™ II data cartridge also utilizes a **positive engagement mechanism** – a highly robust tape leader-buckling mechanism designed for high duty-cycle automated environments – for safer, more accurate loading each and every time the tape is used.



Media compatibility 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 4 | | ○ | ○ | ○ | ○ | △ | △ | × |
| SDLT 1 | | × | × | × | × | ○ | ○ | △ |
| SDLT 2 | | × | × | × | × | × | × | ○ |

○ : Read/Write Compatible / △ : Read Only Compatible / × : Incompatible



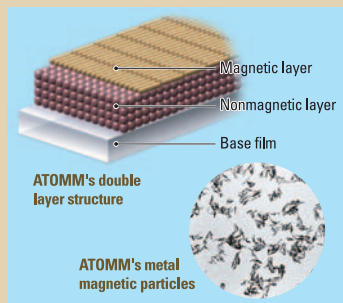
Super DLTtape™ II SPECIFICATIONS

| Basic Specifications | Tape Drive | |
|-------------------------------------|----------------------------------|------------------------------|
| | SDLT 600 | SDLT 600 |
| Capacity (Native / Compressed) | 300GB (600GB) | 300GB (600GB) |
| Transfer Rate (Native / Compressed) | 36MB/Sec. (72MB/Sec.) | 36MB/Sec. (72MB/Sec.) |
| Number of Tracks | 640 | 640 |
| Cartridge Color | Blue | Blue |
| Physical Characteristics | Tape Width | 12.65mm |
| | Tape Thickness | 8.0µm |
| | Tape Length | 630m |
| | Cartridge Dimensions (H x W x D) | 105.8 x 105.4 x 25.4mm |
| Operating Environmental Conditions | Temperature | 10-40°C |
| | Humidity | 20-80% (No Dew Condensation) |
| | Max. Wet Bulb Temperature | 26°C |
| Archival Environmental Conditions | Temperature | 16-32°C |
| | Humidity | 20-80% (No Dew Condensation) |
| | Max. Wet Bulb Temperature | 26°C |

Note: Specifications are subject to change without notice.

Fujifilm ATOMM technology

ATOMM (Advanced Super Thin – Layer & High – Output Metal Media) is a proprietary Fujifilm technology that has changed the history of the magnetic recording industry. ATOMM incorporates a nonmagnetic lower layer and an 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.



DLTICE WORM* capable technology

- **Use it when you need it**
Allows you to create a WORM cartridge to address archive needs and regulatory concerns.
- **Simplifies media management**
Utilizes any new, never used Super DLTtape II data cartridge.
- **No additional investment required**
Activated through major backup software applications.



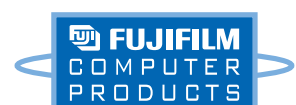
FUJIFILM

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<FUJIFILM Web site>

<http://home.fujifilm.com/products/media/index.html>

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