

 **FUJIFILM**

DLT

The professional solution for giant data quantities. Reliability and low error rate are the outstanding characteristics of this compact data cartridge.



DATA

VIDEO

AUDIO



High Capacity Reliable Data Tape Cartridges Incorporating "FUJIFILM Original ATOMM Technology"

*(Advanced Super Thin Layer & High Output Metal Media Technology - short ATOMM-Technology)

FUJIFILM DLTtape™

Unsurpassed durability. Low error rates. Long archival life. These attributes are guaranteed when you buy FUJI's DLTtape IV. The most advanced data storage tapes available.

DLTtape IV comes with 1,828 feet of half-inch tape.

DLTtape IV features FUJI's exclusive ATOMM (Advanced Super Thin Layer & High Output Metal Media) technology - a unique dual coating system that provides greater storage capabilities than ever before.

DLTtape IV provides a storage capacity ranging from 20 GB to 40 GB (native capacity) or from 40 GB to 80 GB (2:1 compression).

FUJI's design ensures read compatibility with future generations of DLT. It also takes advantage of shorter wave length recording schemes. Solid and liquid lubricants reduce tape and head wear. The chemical design resists retention of airborne particles that

could also affect read/write head performance.

ISO 9002 Certification as well as the modern quality system assure product performance and reliability.

FUJI's cartridge shells are shock resistant and provide additional corrosive protection. A tape reel locking mechanism protects the media by preventing tape slack.

No wonder FUJI's DLTapes are considered the industry's leader in performance, durability and reliability.

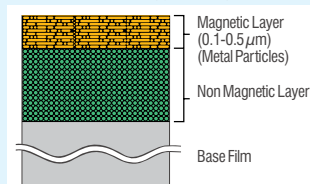
ATOMM-Technology (*Advanced Super Thin Layer and High Output Metal Media Technology - short ATOMM-Technology)

The thinner magnetic layer used in ATOMM-Technology enhances digital characteristics.

A top layer of magnetic metal Metallix particles of approx 0.1 - 0.5 μm thickness, suitable for high-density digital recording is coated on top of a non-magnetic layer using FUJIFILM's original Double Coating Technology.

Through the application of the ATOMM Technology the output in the high frequency range for high density recording has been greatly improved, while the error margin is also increased.

ATOMM-Technology-Configuration



The double layer structure of a magnetic layer on top of a non-magnetic layer on the bottom, makes it possible for the bottom layer to function as a reservoir of lubricant, resulting in greater durability.

As the top magnetic layer is adequately supplied with lubricant at all times, high reliability with durability is ensured.

DLTape™ IV Specification

DLT™ 4000 drive			DLT™ 4000 drive	DLT™ 7000 drive	DLT™ 8000 drive
Format capacity (2:1 compression)			20 GB (40 GB)	35 GB (70 GB)	40 GB (80 GB)
Tape width (nominal)			12.65 mm	12.65 mm	12.65 mm
Tape thickness (nominal)			9 μm	9 μm	9 μm
Tape length (nominal)			557 m	557 m	557 m
Substained transfer rate (2:1 compression)			1.5 MB/s (3 MB/s)	5 MB/s (10 MB/s)	6 MB/s (12 MB/s)
Tracks			128 tracks	208 tracks	208 tracks
Recording density			82,000 bpi	86,000 bpi	98,000 bpi
Track density			256 tpi	416 tpi	416 tpi
Cartridge dimension (nominal)			105.8 mm x 105.4 mm x 25.4 mm		
Operation environment	temperature		10°C ~ 40°C		
	humidity		20% ~ 80% without condensation		
Storage environment	temperature		16°C ~ 32°C		
	humidity		20% ~ 80% without condensation		
Transportation environment	recorded	temperature	5°C ~ 32°C		
		humidity	5% ~ 80% without condensation		
	unrecorded	temperature	-23°C ~ 48°C		
		humidity	5% ~ 100% without condensation		
		max. transportation period	10 days		

DLT™ Cleaning Tape for use with all DLTape™-Drives

DLTape™ is a registered Trademark of Quantum Corporation.
Specifications and appearance are subject to change without notice.



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