For any inquiries, please contact us:

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- Specifications are subject to change without notice.
- This product catalogue is correct and accurate as of November 2015.

FUJIFILM

LTO Ultrium 7
New generation of LTO tape

Barium Ferrite
Reliable Technology and Performance

FUJIFILM

LTO Barcode Label Printing Service

We provide a service to print adhesive barcode labels for identifying LTO tapes. The printed labels can be attached to the product before shipping. Please contact us for more information.

LTO Eco Pack

Simple packaging of 20 tape cartridges per box, without individual packaging of tapes (no hard case or shrinkwrap). Contributes to improved work efficiency, space saving, and reduced waste.

LTO tape × 20 cartridges
(4 5-cartridge packs)

TAPE Saves your FUTURE
Advanced magnetic tape protecting the future of big data

Media Health Check Service

This is a service to check the condition of a customer’s LTO tapes using a cartridge analyzer and Fujifilm’s original diagnostic software. The system analyzes cartridge memory information and helps to identify the main cause for any problems that are occurring. It also contributes to the prevention of major problems that may occur in the future.

Unique services to support the effective use of LTO tape

FUJIFILM

LTO FB UL-2 200G J LTO FB UL-3 400G J
LTO FB UL-4 800G U LTO FB UL-5 1.5T J
LTO FB UL-6 2.5T J LTO FB UL-7 6.0T J

Model No.

4902520 249975 4902520 273703
4547410 019100 4547410 119169
4547410 237061 4547410 316971

JAN Code

LTO FB UL-3WORM 400G J LTO FB UL-4WORM 800G U
LTO FB UL-5WORM 1.5T J LTO FB UL-6WORM 2.5T J
LTO FB UL-7WORM 6.0T J LTO FB UL-1 CL UCC J

Model No.

4902520 274465 4547410 019193 4547410 119183
4547410 237078 4547410 316995 4902520 241603

JAN Code

The cleaning cartridge is universally usable for all G1/2/3/4/5/6/7 drives. (Some exceptions may apply.)

General specifications of LTO cartridge

<table>
<thead>
<tr>
<th>LTO G2</th>
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Transfer rate (at maximum compression)

- 40 MB/s (80 MB/s)
- 80 MB/s (160 MB/s)
- 120 MB/s (240 MB/s)
- 140 MB/s (280 MB/s)
- 160 MB/s (400 MB/s)
- 300 MB/s (750 MB/s)

Number of tracks

- 512 (16 track head serpentine)
- 784 (16 track head serpentine)
- 980 (16 track head serpentine)
- 1,190 (16 track head serpentine)
- 1,270 (16 track head serpentine)
- 3,360 (16 track head serpentine)

Cartridge memory

- 32.768 bits (4,096 bytes); internal EEPROM with electromagnetic induction antenna
- 66.144 bits (8,192 bytes); internal EEPROM with electromagnetic induction antenna
- 130.288 bits (16,384 bytes); internal EEPROM with electromagnetic induction antenna

Archival life

- 30 years

Tape width

- 10.4mm

Tape thickness

- 8.9μm
- 6.4μm

Servo method

- Timing-based servo

Tape length

- 609m
- 846m

Cartridge dimensions

- 115.0 × 91.4 × 4.3 × 21.8 mm

Operating conditions

- Humidity: 10-90% RH (no condensation)

Storage conditions

- Humidity (non-condensation)

Supported system

- Encryption support: × × × × ×

- LTFS support: × × × × ×
Three big advantages of LTO tape

- **High-density recording**: The new LTO tape can store data over 30 years or longer with its high capacity. Tape storage excels in cost-effectiveness in that its per-capacity price is low and that it hardly consumes power to save data. The total cost of backing up 28 TB a year or 140 TB over 5 years can be kept to about 1/4 compared to hard disk.

- **Long-term storage**: Magnetic tapes are expected to increase in capacity in the future as high-density recording is pursued. At present, a roadmap toward 120 TB (LTO 10) is planned for LTO tapes.

- **Market performance of BaFe tape**: Fujifilm in conjunction with IBM demonstrated the ability to store 220 TB native capacity on a standard size data cartridge in April of 2015 proving the long term viability of BaFe tape.