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

General specifications of LTO cartridge

<table>
<thead>
<tr>
<th>Model No.</th>
<th>LTO FB UL-2 (LTO G2)</th>
<th>LTO FB UL-3 (LTO G3)</th>
<th>LTO FB UL-4 (LTO G4)</th>
<th>LTO FB UL-5 (LTO G5)</th>
<th>LTO FB UL-6 (LTO G6)</th>
<th>LTO FB UL-7 (LTO G7)</th>
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<td>JAN Code</td>
<td>4902520 249975</td>
<td>4902520 273703</td>
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<td>4547410 191500</td>
<td>4547410 237078</td>
<td>4547410 316995</td>
</tr>
</tbody>
</table>

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Advanced magnetic tape protecting the future of big data

FUJIFILM

NEW

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.

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 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.
For smarter data protection

Ultra-high capacity. High performance transfer rate.
The seventh generation of LTO tape enhances the efficiency of data storage and use.

LTO tape has been attracting attention as a highly reliable storage medium and has now evolved to the seventh generation. Based on Barium Ferrite (BaFe) magnetic particles that have already demonstrated recording stability in LTO Ultrium 6, LTO Ultrium 7 has now increased the recording capacity to 15.0 TB compressed capacity (6.0 TB native capacity), 2.4 times that of LTO Ultrium 6, by using Fujifilm’s advanced technology to enhance the density. The new LTO 7 is also capable of a high transfer rate of “750 MB/second” (300 MB/second native), 1.9 times the conventional speed. These dramatic increases in capacity and speed make it possible to store data with higher efficiency and at a lower cost.

Evolution of “LTO Ultrium 7” to be noted

Capacity as high as 15 TB saves space
Like its predecessor, LTO 6, LTO Ultrium 7 employs BaFe magnetic particles that Fujifilm successfully put into commercial use for the first time. In addition, a capacity as high as 15.0 TB (6.0 TB native capacity) or 2.4 times larger than before has been achieved through optimization of material design through measures such as an “even application of magnetic particles”. A huge amount of data can be stored with less media than hard disks or previous generations of LTO, making it possible to create space-saving storage.

Transfer rate as high as “750 MB/second” contributes to enhanced work efficiency.
As the recording density has improved, the transfer rate has risen to “750 MB/second” (300 MB/second native), almost two times that of the media in the past. Data can be efficiently managed because it can be written or read more quickly than before. The transfer rate of LTO tapes can be expected to increase in the future.

Three big advantages of LTO tape

Save COST  Economical
The new LTO tape can save 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.

Save DATA  Safety
Tape media that can be managed offline is portable ideal for storage at a remote location. It has little risk of being damaged or losing data due to a system failure or virus, meaning important data can be saved safely and securely.

Save FUTURE  Future road map
Magnetic tapes are expected to increase in capacity in the future as high-density recording is pursued. At present, a road map toward 120 TB (LTO 10) is planned for LTO tapes.

High-density recording
BaFe magnetic particles are as tiny as about 20 nm. Therefore, these magnetic particles can be laid down on the same surface in higher quality recording than conventional magnetic particles. As a result, the surface recording density can be much higher than conventional magnetic particles. This means that the capacity of the tape can be dramatically increased.

Long-term storage
The BaFe magnetic particle, whose main ingredient is iron oxide, is free from “oxidation”, which is the main cause of degradation of tape. This makes BaFe tape suitable for long-term storage. An accelerated life test conducted by Fujifilm indicated that BaFe tape can store data for 30 years or more.