

LTO-10 Tape The Future of Data Preservation is Here



The Future of Data Archiving

LTO tape technology remains the most reliable, cost-effective solution for long-term, sustainable data archiving. With businesses generating more data every day - from AI innovations to regulatory compliance - LTO tapes securely safeguard critical information for decades, making them essential for modern organisations worldwide.

Our latest Innovations

Today's LTO tapes are smarter than ever. When LTO-10 30TB launched, it almost doubled the native capacity of LTO-9 (18TB). The enhanced LTO-10 40TB native (100TB compressed) version adds an additional layer of capacity, catering to even greater storage needs and expanded usage environments.



Secure air-gapped protection
from cyber threats and ransomware



Long-term reliability
and proven durability, 30+ years



Lower total cost
than other storage technologies



Dedicated Fujifilm support
for resellers and end-users

Strontium Ferrite Powering Capacity

With next-generation fine hybrid magnetic particles using both, Strontium Ferrite and Barium Ferrite, LTO-10 tapes achieve unprecedented capacities and longevity, ensuring your archives last 30+ years. This material breakthrough, pioneered by Fujifilm and IBM, keeps tape ahead of the curve and ready for future data demands.

LTO Tape is your trusted partner
for secure and sustainable data archiving.



Why Two LTO-10 Options?

Tailored Solutions to Meet Diverse Capacity and Environmental Needs

Shared Features

Both LTO-10 options use fine hybrid magnetic particles made of Strontium Ferrite and Barium Ferrite, enabling a much higher track density - 15,104 tracks versus 8,960 on LTO-9. This means more data per tape without increasing the physical size of the cartridge. Due to the development of the tilted head technology, no initialisation like LTO-9 is required, simplifying the use. Faster rewind times further improve handling efficiency.

Increased Capacity Difference 1

LTO-10 40TB uses fine hybrid magnetic particles with a new Aramid base film to extend the tape length, which increases the capacity from 30TB to 40TB. This means less shelf space and physical handling, lowering costs and making large-scale storage easier.

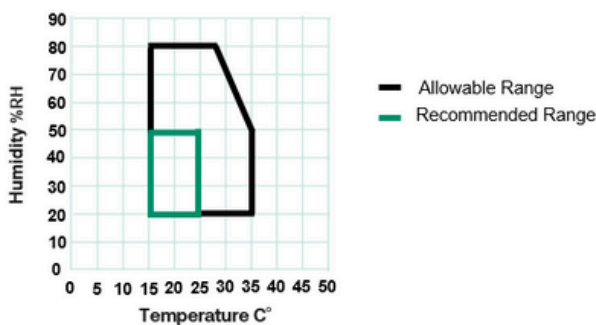
Environmental Range Difference 2

The use of Aramid with the 40TB cartridge leads to improved temperature and humidity resistance plus enhanced drive compensation. This enhances reliability and flexibility in diverse environments and leads to reduced energy consumption and costs.

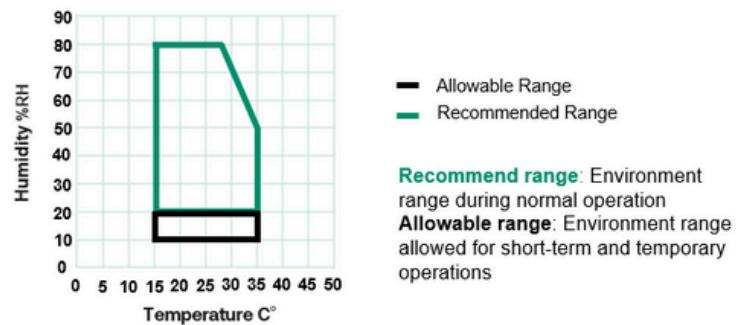
Faster Data Access Difference 3

By adding hrRAO (High Resolution Recommended Access Order) technology, the 40TB version refines LTO-9's oRAO by dividing the tape into 128 segments instead of 2, dramatically speeding up file access and improving retrieval efficiency.

LTO-9 and LTO-10 30TB



LTO-10 40TB



Recommend range: Environment range during normal operation
Allowable range: Environment range allowed for short-term and temporary operations

Contact us for more details and smile knowing your data is safe!

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