HP LTO Ultrium RFID Labelled Media

Radio Frequency ID (RFID) technology streamlines and simplifies asset management for large data centres, dramatically reducing inventory times, minimising errors, and improving staff productivity. HP LTO Ultrium RFID Labelled Media also enhances security through real-time asset tracking – a significant advantage for data centres subject to compliance requirements for handling sensitive information.

ULTRIUM LTO 3

ULTRIUM LTO 4

ULTRIUM LTO 5

Key Features and Benefits

- **Passive RFID technology** provides longevity and cost efficiency.
- **Labels have been tested** for environmental and operational performance.
- **Labels support global standard** RFID specifications and frequencies.
  - EPC Global Inc. Class 1 Generation 2 UHF Air Interface Protocol Standard (Version 1.2.0 or later).
  - Standard ETSI EN 302 208-1 (Version 1.2.1 or later).
- **An embedded UHF Gen 2 RFID chip** contains the Electronic Product Code (EPC), encoded at the label manufacturing site and locked for additional security.
- **Up to 20 HP LTO Ultrium RFID Labelled Media cartridges** can be scanned in less than 2 seconds.
  - A single cartridge, separated from others, can be read at a distance of up to 6 feet.
  - A master carton or library case containing 20 cartridges can be scanned at a distance of 2 feet.

Offsite Storage

Back up

Data centre backs up data to HP LTO Ultrium RFID Labelled Media, providing increased inventory management and operational efficiencies.

Transfer

When transferring media to an offsite data vault, RFID mitigates the risks of loss and theft.

Archive

When used with an IT asset tracking system, HP LTO Ultrium RFID Labelled Media makes it easy to maintain an accurate, up-to-date inventory.

Customer Benefits

Efficiency

HP LTO Ultrium RFID Labelled Media streamlines data centre operations at labour-intensive checkpoints, such as scanning and inventory auditing. RFID technology can substantially reduce the time required for a complete inventory.

Security

With real-time visibility for tracking and auditing media, HP LTO Ultrium RFID Labelled Media improves security for organisations holding significant amounts of personally identifiable information (PII), such as government, healthcare, and financial companies.

Compliance

HP LTO Ultrium RFID Labelled Media makes it easier for data centres to comply with regulations such as Sarbanes-Oxley and HIPAA by providing an efficient, effective means of tracking media assets.

Brand Equity

Compromised data can mean heavy fines and in the worst case scenario, a loss of confidence in your brand. In August 2010, Zurich Insurance was fined £2.3 million in the UK for failing to protect data stored on a lost cartridge. HP LTO Ultrium RFID Labelled Media enables a data centre to react swiftly to a missing tape, minimising the risk of a data breach.

Ordering Information

Product Name	Must be ordered from HP in multiples of	Compressed Capacity*	Part Number
HP LTO-3 Ultrium 800 GB RW RFID Custom Labelled Data Cartridge (Minimum Order = 100 Cartridges)	5**	800 GB	HP C7973AF
HP LTO-3 Ultrium 800 GB RW RFID Non-Custom Labelled Data Cartridge	1	800 GB	HP C7973AJ
HP LTO-3 Ultrium 800 GB RW RFID Eco Pack Custom Labelled Data Cartridge (Minimum Order = 100 Cartridges)	5**	800 GB	HP C7973AK
HP LTO-4 Ultrium 1.6 TB RW RFID Custom Labelled Data Cartridge (Minimum Order = 100 Cartridges)	5**	1.6 TB	HP C7974AF
HP LTO-4 Ultrium 1.6 TB RW RFID Non-Custom Labelled Data Cartridge	1	1.6 TB	HP C7974AJ
HP LTO-4 Ultrium 1.6 TB RW RFID Eco Pack Custom Labelled Data Cartridge (Minimum Order = 100 Cartridges)	5**	1.6 TB	HP C7974AK
HP LTO-5 Ultrium 3 TB RW RFID Custom Labelled Data Cartridge (Minimum Order = 100 Cartridges)	5**	3 TB	HP C7975AF
HP LTO-5 Ultrium 3 TB RW RFID Non-Custom Labelled Data Cartridge	1	3 TB	HP C7975AJ
HP LTO-5 Ultrium 3 TB RW RFID Eco Pack Custom Labelled Data Cartridge (Minimum Order = 100 Cartridges)	5**	3 TB	HP C7975AK

*All capacities and transfer rates quoted as typical use a 2:1 compression ratio, this may vary since compression is data dependent.
**Minimum order quantity 100 units, must be ordered in multiples of 20 eg: 100, 120, 140, 160 units.

For full product specs, visit www.hptapecompat.com
For Custom Labelled media, visit www.hptapemedia.com
For specifications of all Ultrium media products, please go to: http://www.hp.com/go/storagemedia

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