

# LTO Ultrium Tape Media

Rethink **Backup**  
and **Archive**  
with **LTO Tape Media**  
**BIGGER. BETTER. FASTER.**



## Overland Storage/Tandberg Data LTO Ultrium Data Cartridges & Cleaning Cartridges

Overland Storage/Tandberg Data LTO Ultrium data cartridges and cleaning cartridges are recommended for use with all Overland Storage/Tandberg Data LTO tape drives, tape autoloaders and tape libraries. Used in the design, test and manufacture of our NEO Series family of tape-based storage solutions, Overland Storage/Tandberg Data LTO media ensures the availability and security of your data. With over 3 million LTO cartridges shipped worldwide, and nearly 7000PB (7 Exabytes) of data stored on LTO media, LTO media from Overland Storage/Tandberg Data provides the absolute lowest cost per gigabyte and highest reliability for long-term data storage when compared with alternative archive mediums.

### Key benefits:

- High capacity, with as much as 15TB of data stored on each LTO cartridge
- Cartridge memory chip delivers faster access time and enhanced media monitoring
- Durable cartridge reduces media failures and eliminates disrupted backup
- Extreme laboratory testing for superior data availability
- Data security via hardware encryption of cartridge contents
- A variety of choices of media types and services, including custom barcode labeling
- Designed for a 30-year archival life and/or 260 full backups
- Enables businesses to meet regulations for data retention and archiving
- Limited lifetime warranty

Overland Storage/Tandberg Data LTO Ultrium media provides compatibility across multiple product generations, delivers the ultimate in choice and affordability, and ensures superior investment protection.



## Tape Media Specifications



|                          | LTO-7                                                                                                | LTO-6                                                                                                | LTO-5                                                                                                | LTO-4                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Capacity (native)        | 6TB                                                                                                  | 2.5TB                                                                                                | 1.5TB                                                                                                | 800GB                                                                                                |
| Cartridge Color          | Dark Blue                                                                                            | Purple                                                                                               | Light Blue                                                                                           | Green                                                                                                |
| Includes Barcode Labels? | Yes*                                                                                                 | Yes*                                                                                                 | Yes*                                                                                                 | Yes*                                                                                                 |
| Cartridge Weight         | .63 lbs.                                                                                             | .63 lbs.                                                                                             | .63 lbs.                                                                                             | .63 lbs.                                                                                             |
| Temperature (operating)  | 10° - 45°C                                                                                           | 10° - 45°C                                                                                           | 10° - 45°C                                                                                           | 10° - 45°C                                                                                           |
| Humidity (operating)     | 10 to 80%                                                                                            | 10 to 80%                                                                                            | 10 to 80%                                                                                            | 10 to 80%                                                                                            |
| Storage Temperature      | 16° - 32°C                                                                                           | 16° - 32°C                                                                                           | 16° - 32°C                                                                                           | 16° - 32°C                                                                                           |
| Storage Humidity         | 10 to 80%                                                                                            | 10 to 80%                                                                                            | 10 to 80%                                                                                            | 10 to 80%                                                                                            |
| Durability (nominal)     | 1,000,000 passes on any area of tape, equates to over 20,000 end to end passes/260 full tape backups | 1,000,000 passes on any area of tape, equates to over 20,000 end to end passes/260 full tape backups | 1,000,000 passes on any area of tape, equates to over 20,000 end to end passes/260 full tape backups | 1,000,000 passes on any area of tape, equates to over 20,000 end to end passes/260 full tape backups |
| Archival Life            | 30 years                                                                                             | 30 years                                                                                             | 30 years                                                                                             | 430 years                                                                                            |
| Standard Warranty        | Limited Lifetime                                                                                     | Limited Lifetime                                                                                     | Limited Lifetime                                                                                     | Limited Lifetime                                                                                     |

## Sales Offices

Sales and support for Sphere 3D products and solutions are available in over 90 countries. Contact us today at [sales@sphere3d.com](mailto:sales@sphere3d.com). For a full list of Sphere 3D addresses and phone numbers, please see our website at: <http://sphere3d.com/contact-us/>.

To contact a representative call:

Americas: 1 858 571 5555

Germany/France: +49 231 5436 0

Asia Pacific: +65 6818 9266

Japan: +81 3 5475 2140

Canada: 1 416 749 5999

United Kingdom: +44 1 189 89 8000



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DS\_mar10\_2016