

# Spectra TeraPack Media



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## What's new

- TS1170 media support: up to 50 TB native capacity (up to 150 TB compressed capacity)

## Overview

Because HPE offers a comprehensive data protection portfolio for Hybrid IT, it understands the requirements for current and next generation LTO Ultrium tape solutions. In particular, the importance of media reliability in providing a long term home for archive data, as well as a final safeguard against natural disasters, network or power outages, human error, or malicious acts. Spectra TeraPack Media is designed to ensure that customers have the most reliable and automated tape storage solution available. Our approach places the emphasis on ongoing enhancements and features that simplify virtually all aspects of the media management process.

## Features

### Reliable Archival Storage and Restore

Only the highest quality media becomes Spectra TeraPack Media. This makes certain you have the most reliable and worry-free data protection possible.

Spectra TeraPack Media also undergoes a unique 'Carbide Clean' process to remove any trace of debris that may have originated during manufacturing or transportation, giving you additional peace of mind that your system will run at peak performance.

### Protect

When combining Spectra TeraPack Media with Spectra's Enterprise tape library integrated BlueScale® Encryption Key Management, your data is protected with a straightforward, easily installed solution.

### Intelligence and Verification

Media Lifecycle Management (MLM) allows you to proactively manage your tape inventory through simple monitoring of over 40 health statistics.

Spectra TeraPack Media assures data integrity using an integrated, intelligent, and comprehensive set of Data Integrity Verification (DIV) tools to verify your data has been properly written to tape.

### Ease of Management and Installation

Media is customized with individual tapes unwrapped and pre-applied barcode labels bundled in Spectra TeraPack containers, ready for bulk loading. An optional dust cover is available for off-site storage in archive.

Spectra TeraPack architecture utilizes 3D space within the library frame increasing density per square foot. Additionally, each robot operation can move up to 10 tapes at a time.



## Technical specifications

## Spectra TeraPack Media

<b>Recording technology</b>	LTO-6 Ultrium, LTO-7 Ultrium, LTO-8 Ultrium, LTO-9 Ultrium, TS1150 JD, TS1160 JE, TS1170
<b>Capacity</b>	Up to 45 TB, depending on model, for LTO. Up to 150 TB compressed for TS1170.
<b>Media format</b>	Re-writable media
<b>Media labeling</b>	Bar code labels pre-attached, varies depending on model and technology.
<b>Quantity per package</b>	10
<b>Read speed, media</b>	400 MB/sec Maximum (native), depending on model and technology for LTO. 400 MB/sec for TS1170.
<b>Bit density</b>	545 kbits/inch Maximum, depending on model
<b>Archival life</b>	30-years
<b>Product color</b>	LTO-6 purple LTO-7 slate blue LTO-8 green LTO-9 light blue TS Series black.
<b>Tape length</b>	1035 m Maximum, depending on model for LTO. 1337 m for TS1170
<b>Tape width</b>	12.65 mm
<b>Tape thickness</b>	5.5 um Minimum, depending on model for LTO. 4.1 um Minimum for TS1170.
<b>Base material</b>	Metal Particle Barium Ferrite Depending on media type
<b>Data tracks</b>	8960 Maximum, depending on model
<b>Magnetic coercivity</b>	2850 Oe Maximum, depending on model
<b>Product dimensions</b>	L 33 x W 20.3 x H 17.8
<b>Weight</b>	2.83 kg
<b>Warranty</b>	Limited Lifetime Warranty



[For additional technical information, available models and options, please reference the QuickSpecs](#)

## HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

### Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

### Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

### Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

### Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

### HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The [Defective Media Retention \(DMR\)](#) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. [Comprehensive Defective Material Retention \(CDMR\)](#) allows you to keep all data retentive components.

## HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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