

Sun StorageTek™ DLTtape S4 media

Massive capacity to protect, secure,
and manage your data



The volume of your stored data increases daily, while business and regulatory requirements for management of that data become more extensive. As your backup and archive environments grow more complex, wouldn't it help to have more capacity that is also easier to manage?

Highlights

- **High capacity** – 800 GB native capacity, and 1.6 TB capacity based on 2:1 compression
- **Solid reliability** – archival life of more than 30 years
- Monitoring, diagnostics and reporting for easy manageability of your data
- **eMP60™ technology** – improves recording density, enabling higher capacities
- **Super PET (S-PET) base film** – strengthens tape, improving durability
- Comprehensive data management tools, including tape security, WORM and diagnostics

When it comes to managing storage volume and complexity, sometimes less is better. For example, because the Sun StorageTek™ DLTtape S4 media has a cartridge volume that more than doubles that of previous generations of DLT media, it allows you to reduce the number of cartridges and thus cartridge costs substantially. Fewer cartridges to deal with means time savings as well as savings on cost per gigabyte. Fewer cartridges mean space savings too.

Massive capacity

The StorageTek DLTtape S4 cartridge provides massive capacity, giving you the tools you need to protect, secure, and manage your data. Designed for use with Sun StorageTek DLT-S4 drives, the StorageTek DLTtape S4 cartridge delivers an industry-leading 800 GB native capacity, with 1.6 TB compressed storage capacity. Thanks to eMP60™ technology, this represents one of the lowest costs per gigabyte in storage media today.

StorageTek DLTtape S4 media uses Super PET (S-PET) base film which provides the strength and durability needed in today's tape environments. And the internal cartridge design further enhances durability, making the DLTtape S4 format the highest-performance DLT media yet.

Super DLT tape technology

The DLTtape S4 cartridge is a member of the StorageTek Super DLT tape family. Super DLT tape technology offers high-capacity, cost-effective tape storage designed to meet growing business and performance requirements. Designed for more demanding open-systems backup environments, StorageTek Super DLT tape and tape drives offer a compelling price-per-stored-gigabyte in comparison to other midrange technologies.

Security, compliance and system health

DLTtape S4 cartridges include a DLTSage™ tape security feature that prevents unauthorized access to data on the cartridges, including those that must be transported offsite. In addition to providing data security, StorageTek DLTtape S4 cartridges offer WORM (Write Once Read Many) capability to address regulatory requirements as well as management and monitoring tools to help assess the health of your DLT system.

Simplify: one point of contact

Buying your media from Sun Microsystems, along with your library and drives, gives you one point of contact for service and support. All media sold by Sun is tested with Sun equipment, so Sun Support Services personnel know what optimum performance should be for your media on your system and how to maintain both at optimum levels.

Sun's media usage policy:

The tape storage media (tape cartridge) used in a tape drive and/or automated tape system can have a significant impact on the overall performance of the tape drive and/or automated tape system. The following is Sun's policy regarding tape storage media:

- 1) Sun warrants tape storage media that is Sun StorageTek-branded
- 2) The customer may be billed for any service provided by Sun resulting from or related to problems caused by non-Sun StorageTek-branded tape storage media

DLTtape S4 media specifications

Performance

Capacity (native)	800 GB
Drive compatibility	DLT-S4

Tape characteristics

Tape type	eMP60
Overall length	2,100 ft. (640M)
Tape width	0.498 in. (12.65 mm)
Tape thickness (µm)	8.00

Magnetic properties

Coercivity (Oe)	2,650
Remanence (G)	2,300

Physical specifications

Height:	1.0 in. (25.4 mm)
Depth:	4.15 in. (105.3 mm)
Width:	4.16 in. (105.6 mm)
Weight	7.85 oz. (222.5 g)
Color	Black

Tape life

Archive storage	30 years
Durability	20,000 load/unload/calibrates
Uses	Up to 260 full tape uses

Operating environment

Ambient Temperature	50°F to 104°F (10°C to 40°C)
Relative Humidity	20 percent to 80 percent

Storage environment

Non archival temperature	60°F to 90°F (16°C to 32°C)
Relative humidity	20 percent to 80 percent
Archival temperature	73°F ± 9°F (23°C ± 5°C)
Relative humidity	40 percent to 60 percent
Stray magnetic field	<2,000G

Learn More.

For more information, contact your Sun Sales Representative or visit sun.com/storagetek

Warranty

For Sun's warranty on DLT S4 media, go to: sun.com/service/warranty/storage/TapeMediaWarranties.pdf

Protect your investment. Protect your business. Protect your data.

Use only genuine Sun StorageTek Tape Media.

To buy

To purchase StorageTek media in the US, call **877-STK-TAPE** to locate the nearest Sun StorageTek media reseller or email: us.mediaorders.com.

To purchase in Europe, call **+31-43-350-3896** to locate the nearest Sun StorageTek media reseller or email: emea.mediaorders@sun.com.