



# DLTtape® S4

Industry-Leading Innovation

As backup and archive environments become more complex, the need for capacity and manageability continues to grow. That's why the DLTtape S4 cartridge offers massive capacity and fully leverages the DLTsage™ Management Suite, giving IT professionals the tools they need to protect, secure and manage their data.

DLTsage includes DLTsage Tape Security, which prevents unauthorized access to data on tape cartridges, including those that must be transported offsite. In addition to providing data security, DLTsage offers DLTsage WORM (Write Once Read Many) capability to address regulatory requirements and DLTsage management and monitoring tools to help assess the health of your DLT system.



### High capacity without high costs

Designed for use with Quantum DLT-S4 drives, the DLTtape S4 cartridge delivers industry-leading 800GB native and 1.6TB compressed storage capacity. Thanks to Quantum's eMP60™ tape technology, this represents the lowest cost-per-gigabyte storage available today.

DLTtape S4 media uses Super PET (S-PET) base film. The S-PET base film assures the strength and durability needed in enterprise-class environments. And the internal cartridge design now offers enhanced durability, making the DLTtape S4 format the highest profile DLT media yet.

UP TO 1.6TB COMPRESSED CAPACITY  
DURABILITY AND RELIABILITY BY DESIGN

## FEATURES AND BENEFITS

-  High Capacity – 800GB native and up to 1.6TB based on 2:1 compression
-  Solid Reliability – Archival life of more than 30 years
-  DLTsage™ 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
-  DLTsage – Comprehensive data management tools including Tape Security, WORM and diagnostics

**PERFORMANCE**

Capacity (native): 800GB  
 Drive Compatibility: DLT-S4

**TAPE CHARACTERISTICS**

Tape Type: eMP60  
 Overall Length: 2,100 ft. (640M)  
 Tape Width: 0.498" (12.65mm)  
 Tape Thickness (µm): 8.00

**MAGNETIC PROPERTIES**

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

**PHYSICAL SPECIFICATIONS**

Width: 4.16" (105.6mm)  
 Length: 4.15" (105.3mm)  
 Height: 1.0" (25.4mm)  
 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% to 80%

**STORAGE ENVIRONMENT**

Non Archival  
 Temperature: 60°F to 90°F (16°C to 32°C)  
 Relative Humidity: 20% to 80%

Archival  
 Temperature: 73°F ± 9°F (23°C ± 5°C)  
 Relative Humidity: 40% to 60%  
 Stray Magnetic Field: <2,000G

**WARRANTY**

Quantum DLTape S4 half-inch cartridge tapes are covered by a limited lifetime warranty. See [Quantum.com](http://Quantum.com) for details.

**Model Numbers and Descriptions**

MR-S4MQN-01	DLTape S4 Media Cartridge
MR-S4MQN-BC	Barcode Labeled DLTape S4 Media Cartridge
MR-SACCL-01	SDLT Cleaning Cartridge
MR-SACCL-BC	Barcode Labeled SDLT Cleaning Cartridge

 For contact and product information, visit [quantum.com](http://quantum.com) or call **800-677-6268**

**Quantum**<sup>®</sup>

**Backup. Recovery. Archive. It's What We Do.**

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**About Quantum**

Quantum Corp. (NYSE:QTM) is the leading global storage company specializing in backup, recovery and archive. Combining focused expertise, customer-driven innovation, and platform independence, Quantum provides a comprehensive range of disk, tape, media and software solutions supported by a world-class sales and service organization. As a long-standing and trusted partner, the company works closely with a broad network of resellers, OEMs and other suppliers to meet customers' evolving data protection needs.