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**HP SDLT Storage Media is suitable for data centre and departmental backups where compatibility with existing DLT libraries, performance, and cost per megabyte are critical.**

HP DLT VS160™ is suited to mid-range to enterprise requiring reliable, high-capacity backup. DLT VS and SDLT technology can meet the high-capacity storage and archiving needs of mid-range systems, network servers and high-end workstations.



## Key Features and Benefits

### HP DLTape™ cartridges

- Optimum compatibility with HP StorageWorks and other DLTape drives and libraries.
- Rated for 500,000 read/write passes – representing an average of 10,000 cartridge uses.
- Guaranteed archival life of 30 years.

### DLT1/DLT VS technology

- In HP StorageWorks DLT VS160 drive, DLT VS160 tape offers compressed data capacity of up to 160 GB (80 GB native) and compressed transfer speed up to 16 MB/s (8 MB/s native).
- Also compatible with non-HP DLT-V4 drives, providing compressed storage capacity of up to 320 GB (160 GB native) and a compressed data transfer rate of up to 20 MB/s (10 MB/s native).
- New binder technology helps DLT VS1 media achieve longer lasting tape performance and reduced head wear. Cartridges can safely archive precious data for up to 30 years.
- Improved cartridge mechanism ensures maximum reliability in the most demanding duty cycles including data-intensive library environments.

### HP Super DLTape™ I and II cartridges

- Laser Guided magnetic recording (LGMR) technology ensures higher capacity by substantially increasing the number of recording tracks and recording density on the data surface of the tape.
- HP SDLT cartridges are tested beyond industry standards to ensure optimum performance and reliability with HP StorageWorks SDLT drives and libraries.
- Stores up to 600 GB\* on a single cartridge.
- Guaranteed archival life of 30 years or 1,000,000 passes.

### Custom labelled offerings

- Allow automation customers the ability to customise their label to their specific needs. This includes the ability to define the barcode label type and to specify an exact label sequence. Custom labels are pre-attached to the media before shipment. Available in Europe and the USA. Europe requires a Minimum Order Quantity of 5 units or 100 total data cartridges (5 units X 20 cartridges).

\* Assumes 2:1 compression.

# Compatibility

Media Model	Drive Model				
	DLT 2000	DLT 2000XT	DLT 40	DLT 70	DLT 80 (DLT 1)
Super DLT I	Rejected	Rejected	Rejected	Rejected	Rejected
DLT VS160	Rejected	Rejected	Rejected	Rejected	Rejected
DLTape IV (Compressed*)	Rejected	Rejected	Read/Write 20 GB (40 GB*)	Read/Write 35 GB (70 GB*)	Read/Write 40 GB (80 GB*)
	DLT VS80	DLT VS160	SDLT 220	SDLT 320	SDLT 600
Super DLT I (Compressed*)	Rejected	Rejected	Read/Write 110 GB (220 GB*)	Read/Write 160 GB (320 GB*)	Read
Super DLT II (Compressed*)	Rejected	Rejected	Rejected	Rejected	Read/Write 300 GB (600 GB*)
DLT VS160 (Compressed*)	Rejected	Read/Write 80 GB (160 GB*)	Rejected	Rejected	Read
DLTape IV (Compressed*)	Read/Write 40 GB (80 GB*)	Read	Read	Read	Rejected

\* Compression ratio 2:1.

# Specifications

All capacities and performance compressed.

Product No.	C5141F	C8007A	C7980A	Q2020A
Reseller Product Number				
Model	DLTape IV	VS160	Super DLTape I	Super DLTape II
Format				
Compressed Capacity*	40/70/80 GB	160 GB	220/320 GB	600 GB
Transfer Speed*	6/10/12 MB/sec	16 MB/sec	22 MB/sec or 32 MB/sec	72 MB/sec
Magnetic Material	Metal Particle	Advanced Metal Particle	Advanced Metal Particle	eMP60™
Number of Data Tracks	128/208/208	240	448	640
Recording Density	81.6/85/98.2 kbp	175 kbp	193 kbp	233 kbp
Magnetic Characteristics				
Coercivity	2,600 Oe	1,850 Oe	1,900 Oe	2,600 Oe
Physical Characteristics				
Tape Thickness (um)	9	8.8	9	8
Tape Width (mm)	12.7	12.7	12.7	12.7
Tape Length (m)	543	563	559	630
Durability	1,000,000 (average head passes in typical office/computer environment)			
Environmental Properties				
Operating Temperature	50 °F to 104 °F (10 °C to 40 °C)			
Day to Day Storage Temperature	60 °F to 90 °F (16 °C to 32 °C)			
Long Term Storage Temperature – Ambient	64 °F to 82 °F (18 °C to 28 °C)			
Maximum Wet Bulb Temperature	77 °F (25 °C) (Operating)	79 °F (26 °C)	79 °F (26 °C)	79 °F (26 °C)
Non-Condensing Relative Humidity	20 to 80% (Operating) 20 to 80% (Day to Day) 40% to 60% (Long Term)			
Archival Life	30 years	30 years	30 years	30 years
Logistics				
Unit (in case)				
External Dimensions (cm)	L 11.2 x W 11.2 x H 3.2	11.3 X 11.2 X 3.2	L 11.2 x W 11.2 x H 3.2	L 11.2 x W 11.2 x H 3.2
Weight (g)	303	281	303	303
Quantity	1	1	1	1
UPC	0 88698-14390 2	8 29160-78714 5	7 25184-81343 6	8 29160-16686 5
Sub Carton				
External Dimensions (cm)	L 40.8 x W 12.2 x H 16.8	31.8 X 11.7 X 12.0	L 40.8 x W 12.2 x H 16.8	L 40.8 x W 12.2 x H 16.8
Weight (g)	3266	1640	3266	3266
Quantity	10 x 1 units = 10 cartridges	5 x 1 units = 5 cartridges	10 x 1 units = 10 cartridges	10 x 1 units = 10 cartridges
ITF-14	3 00 88698-14390 3	1 08 29160-78714 2	1 07 25184-81343 3	1 08 29160-16686 2
Master Carton				
External Dimensions (cm)	L 42.6 x W 28.6 x H 20.5	49.3 X 33.3 X 14.1	L 42.6 x W 28.6 x H 20.5	L 42.6 x W 28.6 x H 20.5
Weight (kg)	7.13	7.16	7.13	7.13
Quantity	2 x 10 units = 20 cartridges	4 x 5 units = 20 cartridges	2 x 10 units = 20 cartridges	2 x 10 units = 20 cartridges
ITF-14	4 00 88698-14390 0	2 08 29160-78714 9	2 07 25184-81343 0	2 08 29160-16686 9

\* Transfer speeds and capacities assume 2:1 compression. Actual performance is data dependent.  
DLTape, Super DLTape and DLT VS160 are registered trademarks of Quantum Corporation.

