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Damon Robertson
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Imation

Super DLTtape[®] I and II

CARTRIDGES

The next generation, high-capacity data storage solution

The Imation Super DLTtape I and II Cartridge and SDLT drive technology have raised the bar in a new era of capacity and performance.

As capacity requirements continue to skyrocket, your network and data center operations require reliable media with greater capacity and higher transfer rates. Imation Super DLTtape[®] Cartridges provide the capacity you need for the demands of your network and data center operations.

The Super DLTtape I cartridge provides flexible capacity and is read/write compatible in both SDLT 220 and SDLT 320 drives. Imation's Super DLTtape II cartridge is designed for the SDLT 600 drive and provides up to 600GB* of storage capacity.

Whether you're searching for a reliable media to backup a mid-size departmental server or one that's suitable for more complex enterprise-class Storage Area Networks, the Super DLTtape cartridge delivers a high-capacity and performance solution that protects your current DLT system investment.



- **High Capacity**—220GB* or 320GB* compressed capacity for the Super DLTtape I cartridge and up to 600GB* compressed capacity for the Super DLTtape II cartridge. Optical servo tracks enable increased storage capacity.
- **Speed**—Up to 22MB* or 32MB*/second transfer rate with the Super DLTtape I cartridge and up to 72MB*/second with the Super DLTtape II cartridge

- **Compatibility**—Super DLTtape I cartridge is read/write compatible with SDLT 220 and SDLT 320 drives and read compatible with SDLT 600 drive. The Super DLTtape II cartridge is read/write compatible with SDLT 600 drives.

- **Limited Lifetime Warranty**

*assumes 2:1 compression

DLTtape Migration Path

	SDLT 220	SDLT 320	SDLT 600	DLT-S4**	DLT-S5**	DLT-S6**	DLT-S7**
Media	Super DLTtape I	Super DLTtape I	Super DLTtape II	TBD	TBD	TBD	TBD
Capacity	110GB native (220GB comp.)	160GB native (320GB comp.)	300GB native (600GB comp.)	800GB native	1.5TB native	3TB native	6TB native
Transfer Rate	11MB/s native (22MB/s comp.)	16MB/s native (32MB/s comp.)	36MB/s native (72MB/s comp.)	60MB/s native	100+MB/s native	200+MB/S native	400+MB/S native



**Quantum reserves the right to change the information in this migration path without notice.



Product Specifications



Order Number: 51122-16332

For optimum performance, use Imation's SDLT Cleaning Cartridge

For optimal system performance, it's important that you make our easy-to-use cleaning cartridges part of your storage system protocol. The process takes just minutes to complete, and it's the best way to eliminate potentially harmful buildup on drive system heads. The SDLT drive will alert users when cleaning is required. The Imation SDLT Cleaning Cartridge is compatible with all SDLT 220, SDLT 320 and SDLT 600 drives and provides-up to 20 cleanings.

	Imation Super DLTtape® I Cartridge 51122-16260	Imation Super DLTtape® II Cartridge 51122-16988	Imation SDLT Cleaning Cartridge 51122-16332
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Physical Characteristics			
Width	4.16 in.	4.16 in.	4.16 in.
Length	4.15 in.	4.15 in.	4.15 in.
Height	1.0 in.	1.0 in.	1.0 in.
Weight	7.85 oz.	7.85 oz.	7.85 oz.
Color	Green	Blue	Gray
Tape Characteristics			
Tape length	1,833.5 ft.	2,066 ft.	—
Tape type	Metal particle	Metal particle	—
Tape width	0.498 in.	0.498 in.	—
Thickness	344.5µ in. (8.75 µm)	315.0µ in. (8.0 µm)	—
Capacity (native)	110 or 160GB*	300GB*	—
Tape Life			
Archive storage	30+ yrs.	30+ years	—
Operating Environment			
Ambient temperature	10 to 40°C	10 to 40°C	10 to 40°C
Non-condensing relative humidity	20–80% RH	20–80% RH	20–80% RH
Maximum wet bulb temperature	26°C	26°C	26°C
Storage Environment (non-archival)			
Temperature	16 to 32°C	16 to 32°C	16 to 32°C
Non-condensing relative humidity	20–80% RH	20–80% RH	20–80% RH
Maximum wet bulb temperature	26°C	26°C	26°C
Storage Environment (archival)			
Temperature	18 to 26°C	18 to 28°C	18 to 26°C
Non-condensing relative humidity	40–60% RH	40–60% RH	40–60% RH

*Compressed capacity is two times native capacity shown.

Compatibility Chart

Drives	Super DLTtape® I Cartridge	Super DLTtape® II Cartridge
SDLT 220	R/W	
SDLT 320	R/W	
SDLT 600	R	R/W

Ordering Information

	Imation Super DLTtape® I Cartridge	Imation Super DLTtape® II Cartridge	Imation SDLT Cleaning Cartridge
Standard	51122-16260	51122-16988	51122-16332
Labeled	51122-16398	51122-18040	51122-16397