

Imation Black Watch™ DLTtape™ IV CARTRIDGE



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Compatible with DLT 4000,
7000, 8000 and DLT1/VS 80 drives



For Critical Data Management





A new standard for reliability and performance

Managing today's ever-increasing volume of data is critical to your company's success. With 50 years of experience protecting valuable data assets, you can rely on Imation to provide the most innovative and reliable network solutions.

The demands of your data center require nothing less than a rugged, reliable product to support your operations. That's why, to ensure a superior product, we've leveraged our expertise in data center media to implement additional enterprise-class testing standards for Digital Linear Tape. Result: the new Imation Black Watch™ DLTape™ IV Cartridge.

Specifically designed for DLT 4000, 7000, 8000 and DLT1/VS 80 drives, Black Watch DLTape IV is rugged and reliable enough for even the most sophisticated enterprise data centers. From backup, restore and archive to copy and distribution, the Black Watch DLTape IV cartridge offers enhanced features to ensure superior performance.

- **Low Abrasivity**—ensures less wear on the drive heads to protect your drive investment
- **Durability**—meets an even higher standard of 1,000,000 passes
- **Compatible**—with DLT 4000, 7000, 8000 and DLT1/VS 80 drives; 40GB/80GB capacity (assumes 2:1 compression)
- **Imation Certified**—every single cartridge is tested to ensure uncompromising reliability and out-of-the-box performance
- **Quantum Qualified**—bears the DLTape logo and has passed Quantum's qualification process
- **Limited Lifetime Warranty**

Drive Compatibility and Performance

DLTape IV cartridge

51122-42337

	DLT 4000 drive	DLT 7000 drive	DLT 8000 drive	DLT1/VS 80 drive
Transfer rate (MB/sec)	1.5*	5.0*	6.0*	3.0*
Capacity	20GB native	35GB native	40GB native	40GB native

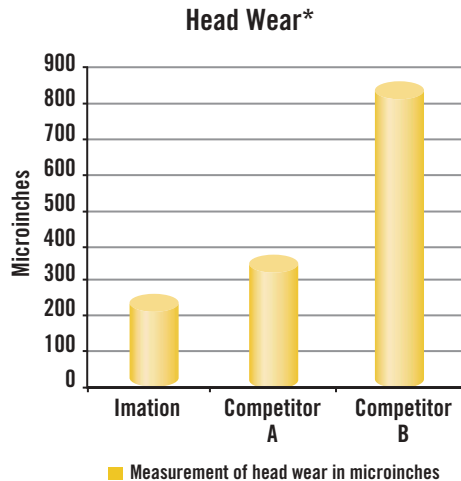
* Cartridge performance and capacity depends on which DLT drive the cartridge is used in first. A cartridge first used in a DLT 4000 drive will perform at 1.5 MB/second with a capacity of 20GB when later used in a DLT 7000 drive.

Meets or exceeds all ANSI and ECMA open standards.



Abrasivity

Low abrasivity ensures less wear on drive heads.



* Head wear measured as the width of wear mark in a ferrite bar after running 1,700 feet of tape over the ferrite bar at 5 oz. tape tension.

Durability

The Imaton Black Watch™ DLTtape™ IV Cartridge exceeds 1,000,000 passes using the open standard for durability.

ANSI and ECMA, independent organizations that approve the specification needs for DLT drive tape cartridges, have established an open standard for cartridge durability: 250,000 passes. Imaton's Black Watch DLTtape IV cartridges meet an even higher standard of durability: 1,000,000 passes. It's our way of ensuring maximum reliability for your data storage needs.

The world trusts Imaton for data storage

In today's information-centric society, data storage can make or break your business. As the world's information needs continue to intensify, millions of IT professionals and computer users look to Imaton for the proven quality, reliability and performance they need to manage, store and secure their data. After all, Imaton products are backed by decades of development and expertise, and are derived from its world-renowned tape, optical and diskette technologies—many of which Imaton pioneered.

Imaton removable storage products are a key ingredient in much of the world's IT infrastructure—from large corporate data centers to networks to small businesses and home offices. Data center managers have trusted industry-leading Black Watch™ Half-Inch Tape Cartridges for years. Network customers rely on Imaton's Ultrium™, DLTtape™, Super DLTtape™, Travan™ and SLR™ Tape Cartridges. And for desktop customers, Imaton's line of removable media and drives—including CD-R and CD-RW drives and media, diskettes, and tape cartridges—is the perfect solution.

Imaton also offers consulting services to help improve data center efficiency. And the Imaton Storage Networking Lab is a world-class facility designed to help companies and equipment manufacturers develop, test and evaluate data storage solutions in an independent environment.





imaginative solutions.

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Extend the life of your DLT system

Ensure efficient drive performance by using Imation DLT Cleaning Cartridges.

Provides up to 20 cleanings.



Order Number: 51122-12919

Product Specifications

Imation Black Watch™ DLTape™ IV Cartridge

51122-42337

Physical Characteristics

Width	4.16 in.
Length	4.15 in.
Height	1.0 in.
Weight	7.85 oz.
Color	Black

Tape Characteristics

Tape length	1,828 ft.
Recording length	1,780 ft.
Tape type	Metal particle
Tape width	0.498 in.
Thickness	360µ in.
Capacity (native)	20, 35 or 40 GB*

Tape Life

Archive storage	30+ yrs.
Tape durability	1,000,000 passes

Operating Environment

Ambient temperature	10 to 40°C
Non-condensing relative humidity	20–80% RH
Maximum wet bulb temperature	25°C

Storage Environment (non-archival)

Temperature	16 to 32°C
Non-condensing relative humidity	20–80% RH
Maximum wet bulb temperature	26°C

Storage Environment (archival)

Temperature	18 to 26°C
Non-condensing relative humidity	40–60% RH
Stray magnetic field	<1,000G

(strength impinging on any point on the cartridge)

*Compressed capacity is two times native capacity shown.

For more information about the Imation Black Watch™ DLTape™ IV Cartridge, contact your authorized Imation dealer or your sales representative.

www.imation.com/DLT

LIFETIME WARRANTY AND LIMITATION OF REMEDIES:

Imation warrants that this product is free from defects in material and manufacture at the time of purchase. If any such defect appears during the life of the product, Imation's entire liability is, at Imation's option, either (a) repair, or (b) replacement of the product, or (c) refund of the purchase price of the product, which must be returned to Imation with proof of purchase. This warranty does not apply to product failure resulting from misuse, abuse, accident, neglect or mishandling, improperly adjusted or maintained drives, incorrect environments or wear from ordinary use. **IMATION SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL LOSS OR DAMAGE (INCLUDING WITHOUT LIMITATION DAMAGES FOR LOSS OF PROFITS, SAVINGS OR DATA) IN ANY WAY RELATED TO THE PRODUCT.** This does not exclude claims for personal injury. Some states or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or country to country.