



Imation Black Watch™ DLTtape™ Cartridges

DLTtape Cartridges with Protective Backcoating

- Minimizes damaging effects of compression to the recording surface
- Dissipates harmful static buildup
- Reduces tape slippage to ensure uniform signal output
- Protects data against effects of wound-in debris
- Improves tape winding and stacking

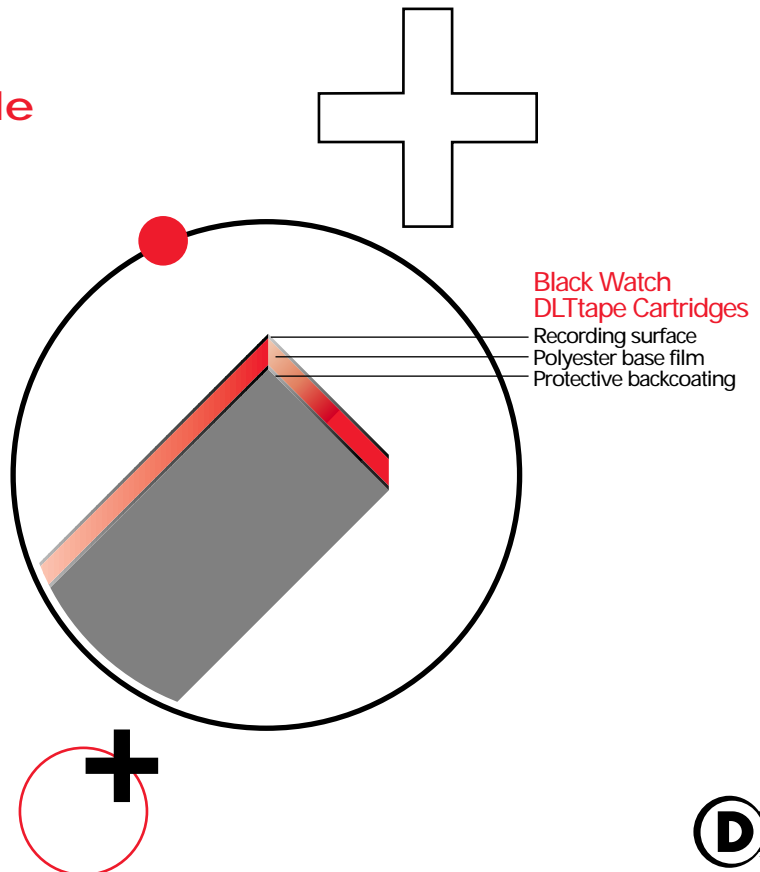
Protecting your company's valuable data assets is a full-time job and Black Watch DLTtape Cartridges are built to provide you around-the-clock protection.



DLTtape™

A Tradition of Reliable Data Integrity

Imation brings over 45 years of tape media experience and proven technology to its DLTtape Cartridge line of products. No matter what the application, data integrity is your highest priority. Back up, restore, archive, copy, distribute, or manage your data with confidence when you use Black Watch DLTtape Cartridges—they're unsurpassed in quality and reliability!



Imation Black Watch™ DLTtape™ Cartridge Specifications

Physical characteristics

	DLTtape III	DLTtape IIIXT	DLTtape IV
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	7.7 oz.	7.85 oz.	7.85 oz.
Color	Gray	White	Black

Tape characteristics

	DLTtape III	DLTtape IIIXT	DLTtape IV
Tape length	1,200 ft.	1,828 ft.	1,828 ft.
Recording length	1,167 ft.	1,780 ft.	1,780 ft.
Tape type	Metal particle	Metal particle	Metal particle
Tape width	0.498 in.	0.498 in.	0.498 in.
Thickness	536µ in.	360µ in.	360µ in.
Capacity (Native)	10 GB	15 GB	20, 35 or 40GB*

Tape life

	DLTtape III	DLTtape IIIXT	DLTtape IV
Archive storage	20+ yrs.	30+ yrs.	30+ yrs.
Tape durability	500,000 passes	1,000,000 passes	1,000,000 passes

Operating environment

Ambient temperature	50 to 104°F (10 to 40°C)
Non-condensing relative humidity	20 to 80%
Maximum wet bulb temperature	77°F (25°C)

Storage environment (non-archival)

Temperature	60 to 90°F (16 to 32°C)
Non-condensing relative humidity	20 to 80%
Maximum wet bulb temperature	78°F (26°C)

Storage environment (archival)

Temperature	64 to 79°F (18 to 26°C)
Non-condensing relative humidity	40 to 60%
Stray magnetic field (strength impinging on any point on the cartridge)	<4,000G

DLTtape Cartridge Drive Compatibility and Performance

Cartridge	Transfer rate (MB/sec)				
	DLT 2000 drive	DLT 2000XT drive	DLT 4000 drive	DLT 7000 drive	DLT 8000 drive
DLTtape III (UPC No. 0-51122-11774-9)	1.25	1.25	1.5	1.5	1.5
DLTtape IIIXT (UPC No. 0-51122-12070-1)	not compatible	1.25	1.5	1.5	1.5
DLTtape IV (UPC No. 0-51122-11776-3)	not compatible	not compatible	1.5*	5.0*	6.0*

*DLTtape IV cartridge performance and capacity is dependent upon which DLT drive the cartridge is first used in. For example, a DLTtape IV cartridge first used in a DLT 4000 drive will perform at 1.5 MB/sec with a capacity of 20GB when used later in a DLT 7000 drive. Compressed capacity is two times native capacity shown.



For optimum tape drive performance use Imation DLTtape™ Head Cleaning Cartridges. For current information and answers to your questions about Imation products, check our web site at: www.imation.com

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Recycled paper
40% pre-consumer
10% post-consumer

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