

Imation 8mm D8 TAPE CARTRIDGES

Data Grade Tape Cartridges with Protective Backcoating

- Improves data security
- 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 8mm tape cartridges are built to provide you around-the-clock protection.

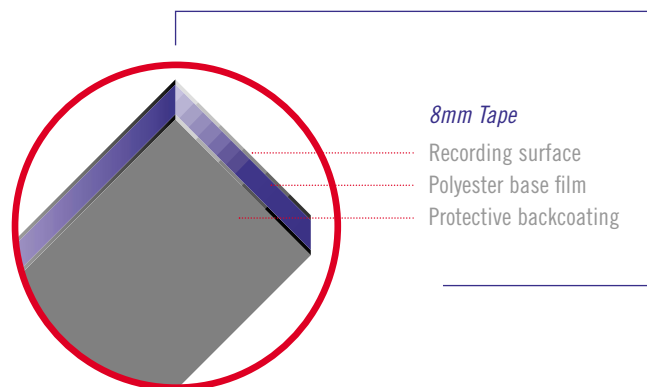
A Tradition of Information Integrity

In 1970, we introduced protective backcoating technology to the data and information storage industry. In keeping with our tradition of improvement through innovation, 8mm tape cartridges are continuously proving themselves as highly reliable, cost effective data storage media.



Absolute Data Protection

Protective backcoating technology—developed over 30 years ago—has established the industry standard for data protection. Today's advanced metal particulate (MP) tape applications demand the protection of backcoating technology.



D8 Tape Cartridge Transfer Rate

	Data transfer rate (KB/sec)		
D8-160	Exabyte EXB-8200 drive	Exabyte EXB-8500 drive	Exabyte EXB-8505XL drive
51111-45386	—	—	500
D8-112	Exabyte EXB-8200 drive	Exabyte EXB-8500 drive	Exabyte EXB-8505XL drive
51111-40858	246	500	500

imaginative solutions.

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Imation™ 8mm Head Cleaning Cartridges

For optimum tape drive performance use Imation 8mm Head Cleaning Cartridges. Dirt, dust and other microparticles constantly circulate around us. These particles are in the air we breathe so it's easy to understand how they can settle inside your tape drive as well. If there is debris between the drive's read/write heads and their contact with the tape, permanent data loss—or even damage to the read/write heads themselves—can result.

It is critical to protect your data against this dust, dirt and debris. Maintaining a regular cleaning schedule using Imation's cleaning products for network systems will ensure optimum data protection.

Number of Cleanings: 12
Reorder Number: 45383

Product Specifications



	D8-160	D8-112
Tape Characteristics		
Tape width	8mm	8mm
Tape length	160m	112m
Tape thickness	7.6µm	10.5µm
Magnetic layer thickness	0.8µm	0.8µm
Non-magnetic lower layer thickness	1.0µm	1.7µm
Backcoating layer thickness	0.5µm	0.5µm
Light transmission rate	0.00%	0.00%
Magnetic particles	metal particulate	metal particulate
Recording density	43.2 kbp	43.2 kbp
Magnetic Characteristics		
Coercivity	1600œ	1600œ
Maximum retentivity	0.17Gcm	0.17Gcm
Squareness ratio	0.86	0.86
Electromagnetic Characteristics*		
Optimum recording current	105%	105%
RF output (2,236ftpmm)	100%	110%
RF output (98ftpmm)	100%	110%
Resolution	100%	100%
S/N ratio	100%	100%
Error Characteristics**		
Compensated performance	<10 ⁻¹³	<10 ⁻¹³
Tape Life		
Tape durability	>5,000 passes	>5,000 passes
Operating Environment		
Conditions for optimum performance:	18 to 22°C (64 to 72°F)	35 to 45% RH****
ECMA operating conditions:	5 to 45°C (41 to 113°F)	20 to 80% RH***
Storage Environment		
ECMA storage conditions:	5 to 32°C (41 to 89°F)	20 to 60% RH***

Note: * Reference tape: ISO Secondary standard reference "RSE5001"

** Values are drive dependent

*** Maximum wet bulb temperature 26°C (79°F)

**** RH below 30% can result in deposits at the head-to-tape interface resulting in poor read/write performance. RH above 55% can result in increased head wear.