

# Imation DVD Media



More storage solutions for today's digital lifestyles



# Imation DVD Media.

## More capacity. More flexibility. More options.

Your personal and business life is centered around digital information. Digital photographs. Digital music. Digital data. Digital videos. Digital multimedia presentations. And as your expectations grow for handling and combining this data, so have file sizes—right into the gigabyte range. That's why Imation offers DVD media in every format and capacity, for all your digital storage needs.

### Imation™ DVD-RAM Discs 4.7GB/9.4GB High-quality, low cost rewriteable discs

Imation™ DVD-RAM discs offer a complete storage solution for the consumer or business professional with data intensive, high-performance applications. These DVD-RAM discs provide extremely large storage space at a very economical price. Ideal for combined storage of music, video and data, transfer of video and large capacity data files, Internet downloads and massive archival storage. All data stored on DVD-RAM media can be accessed in the same manner as a hard drive, with drag and drop capabilities, and can be rewritten thousands of times. Imation's DVD-RAM family includes 2.6GB and 4.7GB Type II Cartridges with removable discs, as well as double-sided 5.2GB and 9.4GB Type I Cartridges with permanent, non-removable discs.

- Rewriteable up to 100,000 times
- Ideal for storing and transferring large files, including video, music, data, multimedia software and Internet downloads
- Reduced noise, reduced disc tilt and enhanced durability
- Provides clear and precise recording quality
- Compatible with all DVD-RAM drives
- Lifetime warranty
- Perfect for jukebox systems
- Ideal for data archiving, backup, and professional and personal multimedia/video authoring



### Imation™ DVD-R Discs 4.7GB

#### High-capacity, permanent storage

Imation™ DVD-R discs offer a write-once format that holds up to 4.7GB of high-density data, including the combined storage of music, video and data, transfer of video and large capacity data files, Internet downloads and massive archival storage. The discs are capable of producing pre-mastering discs and are ideal for high volume data recording, archiving and playback. By using DVD-R, information is permanently recorded (write-once), and cannot be altered or erased. DVD-R discs have a life expectancy of 100 years, and are compatible with most DVD-ROM drives and DVD-video players.

- Permanent (write-once) media
- High-capacity, density and data transfer rate
- Relatively low cost per megabyte
- Long-term data archiving
- Massive data storage and retrieval



### Imation™ DVD-RW Discs 4.7GB

#### High-capacity storage in a rewriteable format

DVD-RW is a rewriteable format that allows users to record, erase and re-record their own DVD discs more than 1,000 times. Officially known as DVD Re-recordable, DVD-RW can be thought of as a rewriteable version of the write-once DVD-Recordable (DVD-R) format. DVD-RW is playback-compatible with existing DVD video players and DVD-ROM drives. DVD-RW discs can hold up to 4.7GB of information—ideal for storing video, audio, data and more.

- Rewriteable up to 1,000 times
- 4.7GB of storage or 2 hours of video
- High-capacity, density and data transfer rate
- Relatively low cost per megabyte
- Long-term data archiving



### Imation™ DVD+R Discs 4.7GB

#### High-capacity, permanent storage

Imation DVD+R discs extend the functionality of DVD+RW media in a write-once format that offers up to 4.7GB of storage capacity. This equates to the storage capacity of seven CD-R/RW discs and the potential to store thousands of digital photographs or approximately two hours of digital video. Imation's new DVD+R discs are certified for 2.4x DVD recording speed (equivalent to 3.32MB/sec or 22x CD-R performance)—the fastest recording speed of any current DVD format. Ideal for both the consumer or business professional with data-intensive, high-performance application needs, these discs can be read by DVD+RW drives, and can be played back in the majority of DVD-ROM drives and DVD Video players in use today. Ideal for combined storage of music, video and data, transfer of video and large capacity data files, Internet downloads and massive archival storage. Plus, with DVD+R discs, information is permanently recorded and cannot be erased or altered.

- Permanent (write-once) media
- Massive data storage and retrieval
- High-capacity, density and data transfer rate
- High-speed recording
- High storage density
- Low cost storage for long-term archival of digital video, photos, data or multimedia presentations



### Imation™ DVD+RW Discs 4.7GB

#### High-capacity storage in a rewriteable format

Imation DVD+RW media is one of the latest additions to Imation's expanding line of DVD media offerings. Each disc can hold 4.7GB of information, which translates to more than two hours of high quality MPEG2 video with excellent picture quality. With its two-way compatibility, DVD+RW discs can be played in most DVD Video players and DVD-ROM drives in use today, as well as DVD+RW drives. Similar to CD-RW discs, DVD+RW media can be rewritten more than 1,000 times. Ideal for the combined storage of large capacity video, music, photo and data files, as well as long-term archival storage.

- Rewriteable format allows 1,000 rewrite cycles
- High storage density
- Records and stores data, video, photos, music and more
- Designed for both PC and video entertainment applications
- Long-term data archiving



## Compatibility Chart

Drives		DVD Media					CD Media			
		DVD-R	DVD-RW	DVD+R	DVD+RW	DVD-RAM	CD-R	CD-RW	CD-ROM	DVD-ROM
DVD-R Drive	Read	✓	✓	✓	✓		✓*	✓*	✓	✓
	Write	✓					✓*	✓*		
DVD-R/RW Drive	Read	✓	✓	✓	✓		✓*	✓*	✓	✓
	Write	✓	✓				✓*	✓*		
DVD-R/RAM Drive	Read	✓	✓	✓	✓	✓	✓*	✓*	✓	✓
	Write	✓				✓				
DVD+R/RW Drive	Read	✓	✓	✓	✓		✓*	✓*	✓	✓
	Write			✓	✓		✓*	✓*		
DVD+RW** Drive	Read	✓	✓	✓	✓		✓*	✓*	✓	✓
	Write				✓		✓*	✓*		

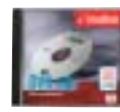
\*This is the most common. Compatibilities are based on specific drive manufacturers

\*\*Most of the new DVD+RW drives will also write DVD+R media

NOTE: Newer drives being introduced are becoming more and more compatible with multiple media types



## Product Specifications



	4.7GB	9.4GB	4.7GB	4.7GB	4.7GB	4.7GB
<b>General Information</b>						
Recording surface	One	Two (4.7GB/side)	One	One	One	One
Case	Type II (removable)	Type I (not removable)	Disc Only	Disc Only	Disc Only	Disc Only
<b>Disc Format</b>						
International standards	ISO/IEC 16824 ECMA 272	ISO/IEC 16824 ECMA 272	ISO/IEC 16824 ECMA 272	Version 1.1	Version 1.1	Version 1.1
Track configuration	Spiral	Spiral	Spiral	CLV	Spiral	Spiral
Track pitch	0.74 +/-0.01 mmicrons	0.74 +/-0.01 mmicrons	0.74 +/-0.01 mmicrons	0.74 +/-0.01 mmicrons	0.74 +/-0.03 mmicrons	0.74 +/-0.03 mmicrons
Direction of rotation	CCW (from objective lens)	CCW (from objective lens)	CCW (from objective lens)	CCW (from objective lens)	CCW (from objective lens)	CCW (from objective lens)
<b>Mechanical</b>						
Thickness	1.2+0.30/-0.06 mm	1.2+0.30/-0.06 mm	1.2+0.30/-0.06 mm	1.2+0.30/-0.06 mm	1.2+0.30/-0.06 mm	1.2+0.2/-1.0 mm
Diameter, outer	120 +/-0.3 mm	120 +/-0.3 mm	120 +/-0.3 mm	120 +/-0.3 mm	120 +/-0.3 mm	120 +/-0.3 mm
Center hole	15.00+0.15/-0.00 mm	15.00 mm	15.00+0.15/-0.00 mm	≥ 15.0 mm	≥ 15.0 mm	≥ 15.0 mm
Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Refractive index	1.55+/-0.1 mm	1.55+/-0.1 mm	1.55+/-0.1 mm	18-30%	45-85%	18-30%
<b>Operating Environment</b>						
Operating temperature	5°C–60°C	5°C–60°C	-25°C–70°C	-25°C–70°C	-5°C–55°C	-5°C–55°C
Humidity	3–85% RH	3–85% RH	3–95% RH	3–95% RH	45–55% RH	45–55% RH
<b>Storage Environment</b>						
Temperature	-10°C–50°C	-10°C–50°C	-20°C–50°C	-20°C–50°C	-10°C–55°C	-10°C–55°C
Humidity	3–85% RH	3–85% RH	5–90% RH	5–90% RH	3–90% RH	3–90% RH
<b>Rewrite Cycles</b>						
Rewrite cycles	>100,000	>100,000	None	1,000	None	1,000



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## Ordering Information

2.6GB	Product	UPC	Discs/Unit	Units/Carton
	Type II DVD-RAM	0-51122-41133-5	1	5
4.7GB	Product	UPC	Discs/Unit	Units/Carton
	Type II DVD-RAM	0-51122-41529-6	1	5
5.2GB	Product	UPC	Discs/Unit	Units/Carton
	Type I DVD-RAM	0-51122-41134-2	1	5
9.4GB	Product	UPC	Discs/Unit	Units/Carton
	Type I DVD-RAM	0-51122-41528-9	1	5
4.7GB	Product	UPC	Discs/Unit	Units/Carton
	DVD-R	0-51122-01892-3	1	10
4.7GB	Product	UPC	Discs/Unit	Units/Carton
	DVD-RW	0-51122-16077-6	1	10
4.7GB	Product	UPC	Discs/Unit	Units/Carton
	DVD+R	0-51122-16022-6	1	10
4.7GB	Product	UPC	Discs/Unit	Units/Carton
	DVD+RW	0-51122-42492-2	1	10

## About Imation

For 50 years, Imation's Data Storage and Information Management business has been a worldwide leader in developing and manufacturing a full line of offerings to help its customers manage, store and share data for the desktop and mobile, network and data center environments. Our diverse portfolio includes the broadest range of removable data storage media, hardware and solutions. With our industry-specific knowledge, experience and proven problem-solving capabilities, Imation continues to provide the imaginative storage solutions you need to satisfy your creative urges.