

3490E 3590 & 3590E

Computer Tape Cartridge

The professional choice for
high-capacity, high-speed data storage



3590



3590E



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High-performance, high-reliability 3590 & 3590E tape from the world leader in metal tape technology

Business depends on information technology more and more every day, and on the massive amount of data that it generates. In fact, the maintenance and protection of valuable data resources has become a key element of corporate management strategy. Highly reliable solutions are needed to minimize the risk of data loss, and that's what Fujifilm 3590 & 3590E tape delivers.

High-performance 3590 tape cartridge

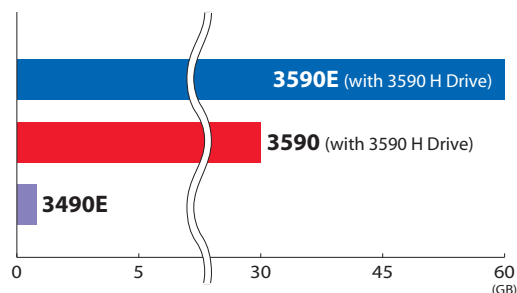
3590 computer tapes cartridge are as compact as 3480 & 3490E tapes, yet a single reel can hold up to 30GB of data (384 tracks, uncompressed data), achieving extremely high capacities in a cartridge size that supports IBM 3590-compatible drives.* Fast data transfer speeds cut recording time, making them an ideal choice for high-volume data libraries.

* 3590B, 3590E, and 3590H drives manufactured by IBM®, as well as similar drives that support the same standards.

Fujifilm metal tape technology for high output and low noise

High-performance magnetic particles are essential to high capacity, high speed, and high reliability. Ever since Fujifilm became the first Japanese manufacturer to produce computer memory tapes in 1965, we have led the industry in high-density recording tape technology. Fujifilm 3590 tape utilizes EX Fine Metallix magnetic particles that are a product of our long experience in metal magnetic technology development. Offering high retentivity and magnetic density, they boast significantly higher magnetic energy than conventional magnetic particles, and together with our ultra-smooth tape base and surface optimization technologies, ensure high output and low noise in the high-frequency band.

Recording Capacity Comparison (uncompressed data)



3590E tape — a new standard in enhanced capacity

Our 3590E tape extends the capacity of 3590 tape cartridge even further with up to 384-track recording that offers a maximum recording capacity of 60GB (uncompressed data).

Services to meet every user need

Tapes can be labeled and pre-initialized to meet customer specifications. A wide variety of color-coded labels and bar-coded labels for automated storage systems are available to facilitate data library management, ensuring full-service support to meet virtually every customer need.

Specifications

	Item	3590E Tape Cartridge	3590 Tape Cartridge	3590 Cleaning Cartridge	3490E
Basic Specifications	Maximum recording capacity (uncompressed)	20 / 40 / 60 GB	10 / 20 / 30 GB	Number of cleaning (drive dependent)	800 MB
	Physical Characteristics	Tape Thickness (m)	8.5 ~ 9.3	16.0 ~ 18.0	N/A
Tape Width (mm)		12.650	12.650	N/A	12.570
Tape Length (m)		629 ~ 640	315 ~ 325	321.5 1.5	332 ~
	Servo Signal *	yes	yes	no	no
	Operating Environment	16 ~ 32 C / 20 ~ 80 % RH			16 ~ 32 C / 20 ~ 80 % RH
	Storage Environment	5 ~ 32 C / 5 ~ 80 % RH			5 ~ 32 C / 5 ~ 80 % RH

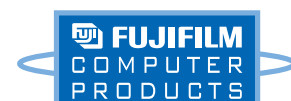
* Bulk erasers should not be used on 3590 & 3590E tape. The tape is encoded at the factory with servo system timing signals that will be lost if bulk erasers are used.

Recording Capacity by Format (uncompressed)

Drive	Format	Tape	
		3590	3590E
3590 B	128 tracks	10 GB	20 GB
3590 E	256 tracks	20 GB	40 GB
3590 H	384 Tracks	30 GB	60 GB

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