



# FUJIFILM 3592 TAPE CARTRIDGES

## FOR IBM® SYSTEM STORAGE™ 3592 TAPE DRIVES

Enterprise-class data storage systems require the use of media that offers both high capacity and extremely high reliability. Featuring Fujifilm's proprietary NANOCUBIC technology, our 3592 Tape Cartridge Series offers up to 500GB native capacity (1500GB 3:1 data compressed) and a native transfer rate of 104MB/second when used in the IBM System Storage TS1120 Tape Drive. Fujifilm tape products continue to be recognized throughout the world as the most reliable data storage products available.

# Fujifilm 3592

## PRODUCTS

### Fujifilm 3592—300 or 500GB\* High Capacity Tape Cartridge

Offering the highest recording density and the capability to record 512 or 896 tracks, Fujifilm's 3592 data cartridge achieves the highest capacity among enterprise-class tape media. It's suitable for backing up large volumes of information and designed to provide a data life of up to 30 years.

### Fujifilm 3592—60 or 100GB\* Economy Tape Cartridge

With a shorter tape length and still offering all the benefits of NANOCUBIC technology, Fujifilm's 3592 Economy cartridge is the economical solution for more selective, fast-access data storage requirements.

### Fujifilm 3592—300 or 500GB\* and 60 or 100GB\* WORM: Write Once Read Many Tape Cartridges

Fujifilm 3592 WORM cartridges are designed to help support long term data retention needs and meet regulatory requirements worldwide. Fujifilm 3592 WORM cartridge design includes embedded security features to help prevent the alteration or deletion of stored data, such as our tamper-proof screws which prevent the cartridge from being opened, providing extra security for your most critical data.



### Features and Benefits of Fujifilm 3592 Tape Cartridges:

- High-reliability curved sliding door and leader pin system to provide dust protection and enhanced durability.
- Exceptionally smooth tape surface that assures outstanding tape-to-head contact and minimal spacing loss, thus providing consistently high output and improved cartridge life.
- Ruggedly constructed cartridge shells made from heavy gauge resin and featuring internal components designed for everyday, heavy use. Five specially designed screws are used to secure the cartridge shell halves together.
- High-precision head tracking with timing-based servo systems as a result of Fujifilm's strict servo signal encoding process.
- Built-in Cartridge Memory Chip that stores access history and media performance information.

## SPECIFICATIONS

Fujifilm 3592 Enterprise Tape Family		3592 "JA" Tape & 3592 "JW" WORM Tape	3592 "JJ" Tape & 3592 "JR" Economy WORM Tape	3592 "JA" Cleaning Tape
BASIC SPECIFICATIONS	Capacity* Native Compressed (3:1)	300 or 500GB 900 or 1500GB**	60 or 100GB 180 or 300GB**	N/A
	Transfer Rate* Native	40 or 104MB/sec		N/A
	Number of Tracks*	512 or 896		N/A
	Durability Long Length Short Length	300 Full Passes 40,000 cycles at ambient		Up to 100 Cleanings (drive dependent)
	Archival Life	Up to 30 years		
PHYSICAL CHARACTERISTICS	Tape Width	12.65mm (.5")		
	Tape Thickness	8.9 µm		
	Tape Length	609m (1989')	246m (807')	318m (1046')
	Cartridge Dimensions	125.0 x 109.0 x 24.5mm (4.92" x 4.29" x .97") [L x W x D]		
OPERATING ENVIRONMENTAL CONDITIONS	Temperature	16-32°C (60-90°F)		
	Humidity	20-80% RH		
	Max. Wet Bulb Temp.	23°C (73.4°F)		
STORAGE ENVIRONMENTAL CONDITIONS	Temperature	4-32°C (40-90°F)		
	Humidity	50-80% RH		
	Max. Wet Bulb Temp.	27°C (80°F)		
RECORDED TAPE TRANSPORTATION ENVIRONMENTAL CONDITIONS (10 days maximum)	Temperature	5-38°C (40-100°F)		
	Humidity	5-80% RH		
	Max. Wet Bulb Temp.	27°C (80°F)		

\*Drive dependent \*\*Assumes 3:1 data compression; depending on data content. Specifications subject to change.

### Fujifilm 3592 Enterprise Tape Product Codes

Product	Product Codes		
	Standard	Barcode Labeled	Labeled & Initialized
3592 "JA" Data Cartridge	15528423	600003328	600003329
3592 "JJ" Economy Cartridge	15528875	600003330	600003331
3592 "JW" WORM Data	15533399	600003332	600003333
3592 "JR" WORM Economy	15533313	600003334	600003335
3592 CL "CLN + JA" 50 Cleaning uses	600003336	600003337	N/A

**nanocubic**

Fujifilm NANOCUBIC technology results in a tape with an ultra-thin layer coating that produces higher resolution for recording digital data, ultra-low noise and high signal-to-noise ratios.

Fujifilm NANOCUBIC technology provides media that features higher capacity with faster performance and improved durability.



CODE: ENT3592-06 Printed on Recycled Paper

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1GB = 1,000,000,000 bytes. 1MB = 1,000,000 bytes.