



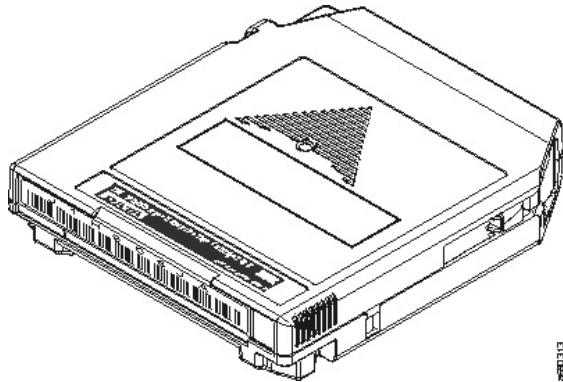
## Overview of 3592 tape drive media

Use the provided table to view characteristics of the various cleaning and data cartridges that are used by the 3592 tape drives in the TS3500 tape library.

The 3592 tape drive uses twelve different data cartridge types and a cleaning cartridge. Characteristics of these cartridges are summarized in [Table 1](#).

[Figure 1](#) shows an IBM 3592 Tape Cartridge.

*Figure 1. IBM 3592 Tape Cartridge*



Cartridges can be distinguished by the text on the product label, as well as by the color of the cartridge case. [Table 1](#) displays the differences between the 3592 Tape Cartridge.

*Table 1. Types of IBM 3592 tape cartridges*

Text on product label and type of media <sup>1</sup>	Native capacity						Label, door, and write-protect switch color		
	TS1155 (Model 55G)	TS1150 (Model E08)	TS1140 (Model E07)	TS1130 (Model E06/EU6)	TS1120 (Model E05)	J1A	Case color	Part number	
Data, JA	Not supported	Not supported	640 GB (596.04 GiB) E06 format	640 GB (596.04 GiB) E06 format	500 GB (465.66 GiB) E05 format	300 GB (279.39 GiB) J1A format	Black	Dark blue	18P7534
Extended data, JB	Not supported	Not supported	1 600 GB (1490.12)	1 000 GB (931.32)	700 GB (651.93)	Not supported	Black	Dark green	23R9830



			GiB) E07 format 1 000 GB (931.32 GiB) E06 format  700 GB (651.93 GiB) E05 format	GiB)	GiB)				
Advanced Type C data, JC	Not supported	7 TB (6.37 TiB) E08 format  4 TB (3.64 TiB) E07 format	4 TB (3.64 TiB) E07 format	Not supported	Not supported	Not supported	Black	Dark purple	46X7452
Advanced Type D read/write, JD	15 TB (13.64 TiB) <sup>2,4</sup>  55G format	10 TB (9.1 TiB) <sup>2,4</sup> E08 format	Not supported	Not supported	Not supported	Not supported	Black	Burnt orange	2727263
Economy, JJ	Not supported	Not supported	128 GB (119.21 GiB) E06 format  100 GB (93.13 GiB) E05 format  Read-only J1A format <sup>2,3</sup>	128 GB (119.21 GiB) E06 format  100 GB (93.13 GiB) E05 format  60 GB (58.88 GiB) J1A format	100 GB (93.13 GiB) E05 format  60 GB (58.88 GiB) J1A format	60 GB (58.88 GiB) J1A format	Black	Light blue	24R0316
Advanced Type C economy, JK	Not supported	900 GB (838.19 GiB) E08 format  500 GB (465.66 GiB) E07 format	500 GB (465.66 GiB)	Not supported	Not supported	Not supported	Black	Light purple	46X7453
Advanced	2 TB	2 TB (1.82	Not	Not	Not	Not	Black	Apricot	2727264



Type D economy, JL	(1.82 TiB) <sup>2,4</sup> 55G format	TiB) <sup>2,4</sup> E08 format	supported	supported	supported	supported				
Economy WORM, JR	Not supported	Not supported	128 GB (119.21 GiB) E06 format	128 GB (119.21 GiB) E06 format	100 GB (93.13 GiB) E05 format	60 GB (58.88 GiB) J1A format	Platinum (silvery gray)	Light blue	24R0317	
			100 GB (93.13 GiB) E05 format	100 GB (93.13 GiB) E05 format	60 GB (58.88 GiB) J1A format					
			Read-only J1A format <sup>2,3</sup>	60 GB (58.88 GiB) J1A format						
WORM, JW	Not supported	Not supported	640 GB (596.04 GiB) E06 format	640 GB (596.04 GiB) E06 format	500 GB (465.66 GiB) E05 format	500 GB (465.66 GiB) E05 format	Platinum (silvery gray)	Dark blue	18P7538	
			500 GB (465.66 GiB) E05 format	500 GB (465.66 GiB) E05 format	300 GB (279.39 GiB) J1A format	300 GB (279.39 GiB) J1A format				
			Read-only J1A format <sup>2,3</sup>	300 GB (279.39 GiB) J1A format						
Extended WORM, JX	Not supported	Not supported	1 600 GB (1490.12 GiB) E07 format	1 000 GB (931.32 GiB)	700 GB (651.93 GiB)	Not supported	Platinum (silvery gray)	Dark green	23R9831	
			1 000 GB (931.32 GiB) E06 format							
			700 GB (651.93 GiB) E05 format							
Advanced Type C WORM, JY	Not supported	7 TB (6.37 TiB) E08 format	4 TB (3.64 TiB) E07 format	Not supported	Not supported	Not supported	Platinum (silvery gray)	Dark purple	46X7454	



		4 TB (3.64 TiB) E07 format							
Advanced Type D WORM, JZ	15 TB (13.64 TiB) <sup>2,4</sup> 55G format	10 TB (9.1 TiB) <sup>2,4</sup> E08 format	Not supported	Not supported	Not supported	Not supported	Platinum (Silvery gray)	Burnt orange	2727265
Cleaning, CLNxXXJA <sup>5</sup>	N/A	N/A	N/A	N/A	N/A	N/A	Black	Gray	18P7535

#### Notes

1. This designation appears as the last two characters on standard bar code labels. In addition, for cleaning cartridges, the first three characters of the volume serial (VOLSER) number are CLN.
2. For more information about microcode level requirements for use with Model E07, Model E08, and Model 55G media, see [Cartridge types and characteristics](#). This information is also available in *IBM 3592 Tape Drives and TS1120 Controller Operator Guide*, GA32-0556.
3. The 3592-E07 supports reading JA, JJ, JR, and JW cartridges only with a microcode level updated to D3I3\_5CD or later.
4. The 3592-E08 and 3592-55G support reading and writing JD, JL, and JZ media cartridges only with a microcode level updated to D3I4\_460 or later.
5. Where XXX equals three numerals. All generations of 3592 tape drives can use this cleaning media. A native capacity value is not applicable for cleaning media, which is shown in this table row by the entry N/A.

#### Note

In addition to these cartridges, there is a Customer Engineer (CE) diagnostic cartridge for use by IBM service representatives only. The VOLSER for this cartridge is CE XXXJJ or CE XXXJK, where a space occurs after CE and XXX equals three numerals.

The 3592 tape drive does not support LTO formats.

The same firmware is used by TS1155 and TS1150 tape drives. All other generations of 3592 tape drives have unique firmware versions that will not work in any other 3592 tape drive.

You can update the firmware of a 3592 tape drive without scheduling downtime. This enhancement is called a *nondisruptive drive firmware update*. It is available through the IBM Tape Library Specialist web interface and (for IBM service representatives) through CETool, but is not supported by the Small Computer System Interface (SCSI).



**Parent topic:**

- [Using 3592 tape drive media](#)

**Related concepts:**

- [3592 data cartridge](#)
- [3592 cleaning cartridge](#)
- [3592 diagnostic cartridge](#)
- [3592 bar code label](#)
- [Ordering 3592 media supplies](#)
- [Updating drive firmware](#)

**Related reference:**

- [Ordering 3592 bar code labels](#)