

Overview

## HP Travan Storage Media



### Introduction

HP Travan data cartridges offer affordable yet reliable data protection. More capacity than a floppy, more durable than a CD. Travan is an ideal solution for desktop, laptop and small network backup and storage. Like all HP storage media, Travan exceeds industry standards for testing and qualification which equates to reliable data protection. Pre-formatted cartridges offer capacities of up to 20GB. Compatibility with HP Travan tape drives and all other certified Travan drives. A wide range of HP Travan data cartridges enables many businesses to back up all their data onto a single cartridge.

Models	HP Colorado 5GB data cartridge	C4429A
	HP Travan 8GB data cartridge, TR-4	C4425A
	HP Colorado 14GB data cartridge	C4436A
	HP Travan 20GB data cartridge, TR-5	C4435A

### Key Features & Benefits

- Affordable and easy to use
- Preformatted and certified to work with a five-year warranty
- Designed for compatibility with HP drives and other manufacturers Travan drives
- Rigorous testing assures cartridges can be used and reused up to 10,000 times
- 14 and 20 GB Travan Data Cartridges come with HP's exclusive Media Monitor technology

### *Product Highlights*

#### **Proven Reliability**

HP ensures the highest level of quality with media specifications that far exceed industry standards. HP has 20 custom-built testing chambers that are in use 24 hours per day, 365 days per year. No other media supplier carries out such exhaustive qualification of the drive and media as HP. This is because no media supplier conducts extensive drive based tests on a daily basis and moreover, supports hardware warranty initiatives in the field with a vested interest in reducing all media-induced hardware issues. In 2002, 170,000 different media tests were performed, accounting for 1.3 million test hours. HP also conducts tests on multiple batches of media using multiple drives to ensure performance in different environmental conditions, such as variations of high/low temperature and humidity. Changes in external conditions, which can easily occur when media is moved from different locations, can have a huge impact on error rate performance. Increased error rates jeopardizes backup, and backup disruption jeopardizes business continuity. HP customers are many and varied; this is why HP specifies stringent durability and reliability metrics that the media must satisfy before it is good enough to bear the HP logo.

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#### **Travan Technology**

Travan is based on the QIC technology set forth by 3M. Imation now owns this technology and is the sole manufacturer of Travan. Travan is a superb desktop back up solution for the low end market. It is more durable than a floppy or CD with capacities up to 20GB. HP no longer develops or ships Travan drives. However, HP captured 56% of the total drive market and has a large install base of Travan users. HP Travan data cartridges are fully compatible with HP and other certified Travan drives.

Options

Related Hardware Options

**NOTE:** This is a list of related options. Some may be discontinued.

<b>HP Travan Tape Drive Models</b>	HP Travan T4000 tape drive
	HP Travan 5GB tape drive
	HP Travan 8GB tape drive
	HP Travan 14GB tape drive
	HP Travan 20GB tape drive
	HP Travan T4i/e tape drive
	HP Travan T20i/e tape drive

### Technical Specifications

General Characteristics	TR-3	5 GB	8 GB	14 GB	20 GB
Product Number	C4427A/D	C4429A/D	C4425A/D	C4436A/D	C4435A/D
Compressed Capacity*	3.2 GB	5 GB	8 GB	14 GB	20 GB
Native Capacity	1.6 GB	2.5 GB	4 GB	7 GB	10 GB
Archival Life	10 Years	10 Years	10 Years	10 Years	10 Years
Shelf Life	10 Years	10 Years	10 Years	10 Years	10 Years

### Performance

Cartridge Life (Passes)	10,000 Passes (End to End)			10,000	10,000
Unrecovered Read Bit Error Rate	1E+08	1E+07	1E+07	3.7E+06	3.7E+06

### Physical Characteristics

Cartridge Color	Grey	Black	Black	Black	Black
Dimensions (HxWxD)	(0.0146 X .093 X .072 meters) (0.575 X 3.66 X 2.835 inches)				
Weight	~ 4 Ounces	~ 4 Ounces	~ 4 Ounces	~ 4 Ounces	~ 4 Ounces
Tape Length (meters)	228.6	140.2	228.6	158.5	228.6
Tape Width (mm)	8	8	8	8	8
Tape Thickness (microns)	7.9	7.9	7.9	7.9	7.9
Manufacturing Materials (Tape Type)	Ferric Oxide (TR3, 5GB, 8GB)			Metal Particle (14GB, 20GB)	
Maximum Recording Density (KB/Inch)	44,000	50,800	50,800	79,800	79,800
Recording Surface Density (MB/Inch <sup>2</sup> )	7.0+06	11.6E+06	11.6E+06	27.4E+06	27.4E+06

### Operating Environment

Operating Humidity Range	(20% to 80% non-condensing) (41° F to 104° F)				
Non-Operating Humidity Range	20% to 80% non-condensing (23° F to 113° F)				
Transportation Range	10% to 80% non-condensing (-40° F to 126F)				
Maximum Wet-Bulb Temperature	84° F	84° F	84° F	84° F	84° F
Ambient Temperature	Maximum Baseplate Temperature of 134° F				

### Warranty

5-Year Warranty	Y	Y	Y	Y	Y
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