



Why VXAtape?

- Provides VXA tape drives with a sturdy foundation
- Removes risk of data loss due to media breakdown
- Easily interchanged between VXA tape drives
- A range of available capacities meets varying business needs

Product Highlights

- Scalable capacities – up to 66 GB (2:1 compression) using 170m VXAtape V17
- Optimized recording surface – advanced AME media technology
- Durable – withstands 20,000 media passes
- Extended shelf life – 30 years

An Advanced Media Complements An Advanced Tape Drive

To take advantage of highly advanced VXA technology, you need an equally advanced data storage media. VXAtape® utilizes Advance Metal Evaporated (AME) technology developed specifically to deliver the durability, archival, and capacity properties required for high-performance tape drives. It has significant advantages over conventional Metal Particle (MP) media:

- Offers an optimized recording surface, enabling higher data densities
- Has no chemical binders to break down and introduce debris and contaminants into the head/tape interface

Tough As Its Diamond-Like Coating

AME media is made by depositing 100% cobalt material to the substrate in a vacuum chamber. An extremely hard, protective

Diamond Like Coating (DLC) is applied over this magnetic layer to make the media even more durable and resistant to oxidation and moisture – protecting heads and tape path components against the residue typical of other media types.

VXA – High Reliability Meets Low Cost

The award-winning VXA-I tape drives are the first and only drives to use packets – a technology similar to that already proven in networking and Internet markets. Uniquely addressed, each VXA data packet can be read in any sequence – independent of track shape or geometry. This approach virtually guarantees 100% data restore and eliminates the need for the costly head and track alignment mechanisms required by other tape drives.

VXAtape media is the perfect complement to VXA technology. It provides the necessary durable, archival, and capacity features needed for both VXA-I tape drive and automation devices such as the VXA AutoPak™.

Optimized Tape Storage with An Optimized Media

Increased durability and reduced tape wear mean that your data will be there, readable by any VXA-I tape drive. And as your storage capacity needs grow, VXA offers a solution – VXAtape is available in 24, 40, and 66 GB capacities.

With its archival life of more than 30 years, the ability to withstand up to 20,000 passes, and a limited lifetime warranty, VXAtape is truly an outstanding complement to the VXA-I tape drive and an excellent choice for storing and protecting your critical data.

Please visit www.VXA.com to learn more about VXAtape technology.





Extreme Testing. Extremely Impressive Results.

To ever ensure the safety of your data, we've put VXA[®] through a rigorous battery of tests. We boiled it. Froze it. Even kerplunked it in hot coffee. The results? 100% restore every time. Your faith? We'll even restore that, too.



VXA[®] tape specifications

V17 Cartridge

Capacity	66 GB* (33 GB native)
Length	170m

V10 Cartridge

Capacity	40 GB* (20 GB native)
Length	107m

V6 Cartridge

Capacity	24 GB* (12 GB native)
Length	62m

Media Passes

20,000

Shelf Life

30 years

General Characteristics

Magnetic Layer	AME (Advanced Metal Evaporated)
Base Material	PET

Magnetic Characteristics

Residual Magnetic Flux Density, mT (gauss)	500 (5000)
Coercive Force, kA/m (Oe)	105 (1320)
Squareness	0.78

Physical Characteristics

Tape Thickness (µm)	7.0
Tape Width (mm)	8.0
Yield Strength, N (kgf)	6 (0.6)
Breaking Tensile Strength, N (kgf)	10.2 (1.02)

Environmental

Operating Temperature	+10°C (50°F) to 45°C (113°F)
Non-Operating Temperature	+5°C (41°F) to 32°C (90°F)
Relative Humidity	20% to 80% non-condensing

VXA Support

VXA-I products from Ecrix Corporation set a new standard for tape drive value, reliability, and data availability. Because we recognize product support as an essential component of customer satisfaction, all VXA-I products come with exceptional support services, including:

- 3-year warranty
- Free phone support during the warranty period
- Fast, user-friendly website with practical solutions

Software Compatibility

The VXA-I is compatible with all major backup applications and operating systems. For up-to-date compatibility information, please visit our website at www.VXA.com.



Ecrix Corporation
5525 Central Avenue
Boulder, Colorado 80301 USA
303.402.9262
fax 303.402.9266
www.ecrix.com
sales@ecrix.com



*Compressed specifications assume a 2:1 compression ratio. Compression, capacity, and throughput will be dependent upon the type of data and system configuration. All specifications are subject to change without notice.

VXA[®] tape is designed to provide maximum reliability and performance when used with VXA tape drives. VXA[®] tapes are covered by a Limited Lifetime Warranty only when used with VXA tape drives.

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