



DLTVS1

DLTape™ VS1

Dedicated cartridge for DLT VS160 drives,
featuring Sony media technology.



Developed in partnership with Quantum,
the format proprietor

Sony partnered with Quantum, the linear tape drive market leader, to develop dedicated media for the DLT VS160 drive. Every aspect of these advanced data cartridges reflects Sony's half century of magnetic media experience and mastery.

160GB compressed storage capacity

DLTape VS1 offers compressed storage capacity of up to 160GB (80GB native) per cartridge and a compressed data transfer rate of up to 16MB/s (8MB/s native).

Rugged cartridge mechanism

Sony's robust cartridge mechanism is designed to withstand the rigors of a library environment. With its outstanding durability and reliability, this storage media more than satisfies performance expectations.

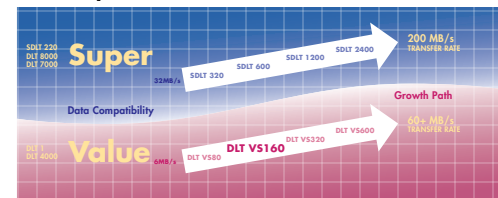
Ultra-Smooth Surface treatment

Special calendaring technology creates an ultra-smooth magnetic media surface, which dramatically reduces the error rate to support high data density with excellent reliability.

Consistent signal characteristics

DLTape VS1 delivers the signal characteristics necessary for consistently high recording density with high output, thanks to Sony's ultra-thin coating technology, which forms a magnetic layer about half as thick as in previous products.

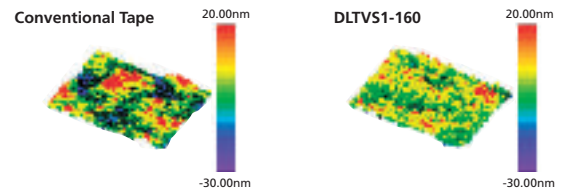
Roadmap



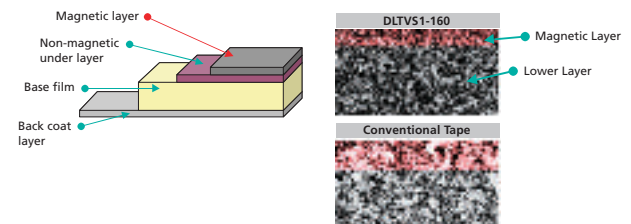
Source: Quantum Corporation

Surface Roughness

Smoother surface equals improved data density



Thinner magnetic layer structure



MODEL NAME	DLTVS1-160
GENERAL CHARACTERISTICS	
Recording Capacity (Compressed*)	80GB (160GB*)
Maximum Data Transfer Rate (Compressed*)	8MB/s (16MB/s*)
MAGNETIC CHARACTERISTICS	
Magnetic Layer Thickness (μm)	0.18
Coercivity (kA/m)	151
DIMENSIONS	
Tape Length (m)	563.00±0.91
Tape Width (mm)	12.65±0.01
Total Thickness (μm)	8.80±0.40
ENVIRONMENTAL REQUIREMENTS	
Operation Conditions (°F(°C);%RH)	50~104 (10~40);20~80**
Storage Conditions (°F(°C);%RH)	60~90 (16~32);20~80**
Transportation Conditions (°F(°C);%RH)	41~90 (5~32);5~80(Recorded)**
Transportation Conditions (°F(°C);%RH)	-9~118 (-23~48);5~80(Unrecorded)**

* Compression ratio 2:1.

** Maximum wet bulb temperature: 79°F(26°C) at no condensation.