



## ECHO SPECIFICATIONS

	LTO 1	LTO 2	LTO 3
<b>Capacity</b>			
Uncompressed, nominal	100 GB	200 GB	400 GB
Tracks	384	512	704
Servo Track	factory prerecorded, do not degauss	factory prerecorded, do not degauss	factory prerecorded, do not degauss
Estimated Archive Life	30 Years	30 Years	30 Years
<b>Physical Properties</b>			
Length, nominal (feet)	1,998 feet	1,998 feet	2,230 feet
Width, nominal (+ 0.01 inches)	0.498	0.498	0.498
<b>Case Properties</b>			
Width * Length * Height inches	4.15 x 4.02 x 0.85	4.15 x 4.02 x 0.85	4.15 x 4.02 x 0.85
<b>Testing Standards</b>			
ECC's*	Below ANSI standards	Below ANSI standards	Below ANSI standards
* Per ANSI Standards			
ERG's*	Zero	Zero	Zero
* Per ANSI Standards			
Permanent Errors	Zero	Zero	Zero
<b>General Properties</b>			
Metal Particle	Metal Particle	Metal Particle	Metal Particle
Base Material	(PEN)	(PEN)	(PEN)
Coercivity (B - H), nominal	1750 Oerstedes	1750 Oerstedes	2250 Oerstedes
<b>Environmental Conditions, nominal</b>			
Temperature - Operating	50° - 113° F (10° - 45° C)	50° - 113° F (10° - 45° C)	50° - 113° F (10° - 45° C)
Temperature - Archival	41° - 73° F (5° - 23° C)	41° - 73° F (5° - 23° C)	41° - 73° F (5° - 23° C)
Relative Humidity % - Operating	10 - 80% RH	10 - 80% RH	10 - 80% RH
Relative Humidity % - Archival	20 - 60% RH	20 - 60% RH	20 - 60% RH
<b>Warranty for Echo Certified Cartridges from Echo Tape</b>			
Warranty	Limited Lifetime	Limited Lifetime	Limited Lifetime

## ECHO LOGICAL

ECHO certified media provides an environmentally responsible alternative to used tape destruction.

## ECHO NOMICAL

ECHO allows tested, proven, certified media to be resold in the marketplace with a significant cost savings when compared to new tape.

## 100% CERTIFIED

100% Certified means that each data track on ECHO media has been thoroughly tested on Original Equipment Manufacturer tape drives to ensure optimal performance in your data center environment. This allows ECHO to guarantee performance on every tape.

ECHO 100% certified tapes carry a limited lifetime warranty.

ECHO 100 % Certified Media

ECHO warrants that ECHO 100% Certified Media is free of defects in both materials and workmanship and shall remain free of defects under normal use for the life of the product. This limited lifetime warranty is for the initial end-consumer purchaser of this product.

ECHO 100% Certified Media has been tested using the most exacting quality control standards possible and in the unlikely event a product's performance fails, ECHO will at its option replace the product or refund the full purchase price of any of its products found to be defective.

ECHO's sole obligation under this warranty and exclusive remedy hereunder will be to replace defective products or reimburse the customer as specified above. There are no other warranties, expressed or implied, whether of merchantability, fitness for particular purpose or otherwise. In no event will ECHO be liable for any direct, indirect, special or consequential damages whatsoever whether arising from warranty, contract, and negligence or otherwise.