



ECHO 100% Certified Media | [www.echo-tape.com](http://www.echo-tape.com) | [sales@echo-tape.com](mailto:sales@echo-tape.com) | 1-877-DIG-ECHO

## ECHO SPECIFICATIONS



|  | 3480                 | 3490e                           |
|--|----------------------|---------------------------------|
| <b>Capacity</b>  |                      |                                 |
| Uncompressed, nominal  | 215 MB               | 810 MB                          |
| Compressed, nominal  | 430 MB               | 2.4 GB                          |
| <b>Physical Properties</b>                                   |                      |                                 |
| Length, nominal (feet)                                       | 541                  | 1100                            |
| Width, nominal (+ 0.01 inches)                               | 0.498                | 0.495                           |
| <b>Media Life Properties</b>                                 |                      |                                 |
| Short Length Durability                                      |                      |                                 |
| Expected Passes  | 500,000              | 240,000                         |
| Minimum Passes   | 240,000              | 240,000                         |
| Long Length Durability                                       |                      |                                 |
| Expected Passes  | 4,000                | 2,000                           |
| Minimum Passes   | 2,000                | 2,000                           |
| Tape Abrasivity using<br>Ferrite Bar (inches)                | <u>&lt; 0.0022</u>   | <u>&lt; 0.0022</u>              |
| <b>Testing Standards</b>                                     |                      |                                 |
| ECC's*   | Below ANSI standards | Below ANSI standards            |
| *Per ANSI Standards  |                      |                                 |
| ERG's*   | Zero                 | Zero                            |
| *Per ANSI Standards  |                      |                                 |
| Permanent Errors   | Zero                 | Zero                            |
| <b>General Properties</b>                                    |                      |                                 |
| Base Material  |                      | Polyester                       |
| Magnetic Particle  |                      | Chromium Dioxide                |
| Coating Electrical Resistance (ohms/sq)                      |                      | 10 to 5 x 10                    |
| Toxicity   |                      | Non-toxic                       |
| <b>Magnetic Properties</b>                                   |                      |                                 |
| Coercivity (B-H), nominal                                    |                      | 600 Oersteds                    |
| Orientation Ratio  |                      | 2.5                             |
| <b>Environmental Conditions, nominal</b>                     |                      |                                 |
| Temperature - Operating                                      |                      | 60° - 90° F (15° - 32° C)       |
| Temperature - Storage  |                      | 40° - 90° F (4° - 32° C)        |
| Relative Humidity % - Operating                              |                      | 20 - 80% RH                     |
| Relative Humidity % - Storage                                |                      | 5 - 80% RH                      |
| <b>Cartridge Case Conditions</b>                             |                      |                                 |
| Leader Block Loading/Unloading                               |                      | Minimum of 10,000 Loads/Unloads |
| <b>Warranty for ECHO Certified Cartridges from ECHO Tape</b> |                      |                                 |
| Warranty   |                      | 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.

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