







# library packs

The Dell Library Pack is specifically designed for today's automated storage environments. Dell barcode labeled media is packaged in a thermo-formed, plastic library pack, which shortens the backup window by allowing for easy tape library upload. Dell raises the bar to help IT managers enhance the efficiency of their automated environments.

Dell products have been tested and validated on Dell tape systems to ensure compatibility and long working life with your computer. Dell tape media offers smooth, stable transitions, with high efficiency at competitive prices. Additionally, Dell products are supported by Dell tape Technical Support when used with a Dell system.



# barcode labeled media

PRODUCT DESCRIPTION	PART NUMBER	HIGHLIGHTS
LTO Ultrium 1 Data Cartridge Library 20-Pack 	A1253734	<ul style="list-style-type: none"> <li>100 GB Native Capacity</li> <li>200 GB Compressed Capacity*</li> <li>Write/Read compatible with Ultrium 1 and 2 drives</li> <li>Read compatible with Ultrium 3 drives</li> <li>Ships in thermo-formed, plastic library pack</li> </ul>
LTO Ultrium 2 Data Cartridge Library 20-Pack 	A1253735	<ul style="list-style-type: none"> <li>200 GB Native Capacity</li> <li>400 GB Compressed Capacity*</li> <li>Write/Read compatible with Ultrium 2 and 3 drives</li> <li>Read compatible with Ultrium 4 drives</li> <li>Ships in thermo-formed, plastic library pack</li> </ul>
LTO Ultrium 3 Data Cartridge Library 20-Pack 	A1253736	<ul style="list-style-type: none"> <li>400 GB Native Capacity</li> <li>800 GB Compressed Capacity*</li> <li>Write/Read compatible with Ultrium 3 and 4 drives</li> <li>Read compatible with Ultrium 5 drives</li> <li>Ships in thermo-formed, plastic library pack</li> </ul>
LTO Ultrium 3-WORM Data Cartridge Library 20-Pack 	A1253738	<ul style="list-style-type: none"> <li>WORM (Write Once Read Many)</li> <li>400 GB Native Capacity</li> <li>800 GB Compressed Capacity*</li> <li>Write/Read compatible with Ultrium 3 and 4 drives</li> <li>Read compatible with Ultrium 5 drives</li> <li>Ships in thermo-formed, plastic library pack</li> </ul>
LTO Ultrium 4 Data Cartridge Library 20-Pack 	A1253741	<ul style="list-style-type: none"> <li>800 GB Native Capacity</li> <li>1600 GB Compressed Capacity*</li> <li>Write/Read compatible with Ultrium 4 and 5 drives</li> <li>Ships in thermo-formed, plastic library pack</li> </ul>
LTO Ultrium 4-WORM Data Cartridge Library 20-Pack 	A1253742	<ul style="list-style-type: none"> <li>WORM (Write Once Read Many)</li> <li>800 GB Native Capacity</li> <li>1600 GB Compressed Capacity*</li> <li>Write/Read compatible with Ultrium 4 and 5 drives</li> <li>Ships in thermo-formed, plastic library pack</li> </ul>
LTO Ultrium 5 Data Cartridge Library 20-Pack 	A3582437	<ul style="list-style-type: none"> <li>1.5 TB Native Capacity</li> <li>3 TB Compressed Capacity*</li> <li>Write/Read compatible with Ultrium 5 drives</li> <li>Ships in thermo-formed, plastic library pack</li> </ul>
LTO Ultrium 5-WORM Data Cartridge Library 20-Pack 	A3582438	<ul style="list-style-type: none"> <li>WORM (Write Once Read Many)</li> <li>1.5 TB Native Capacity</li> <li>3 TB Compressed Capacity*</li> <li>Write/Read compatible with Ultrium 5 drives</li> <li>Ships in thermo-formed, plastic library pack</li> </ul>
LTO Ultrium Universal Cleaning Cartridge 5-Pack 	A1253739	<ul style="list-style-type: none"> <li>For use with all Ultrium Tape Drives</li> <li>Up to 50* cleaning cycles</li> <li>Ships in individual protective plastic cases</li> </ul>

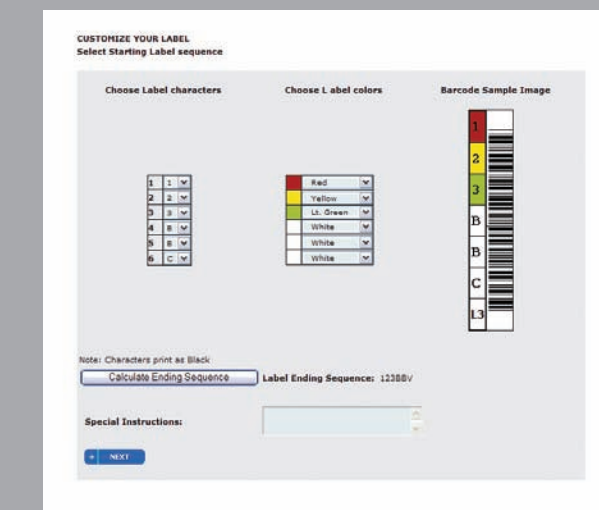
To Order Barcode Labeled Media, Contact Your Dell Sales Representative.

\*Drive Dependent

# steps for on-line ordering



1. Contact your Dell Sales Representative to begin the ordering process.
2. Receive a customer order number, which will designate the type of media that you will be ordering on-line.
3. Visit [MediaLabelTool.com](http://MediaLabelTool.com) and log in or register as a new user.
4. Enter the order number provided by your Dell Sales Representative to complete your order for customized barcode labels.



5. Select the orientation of the label - vertical or horizontal.
6. Enter the starting number for the label sequence, and the ending number will automatically display based upon the total number of cartridges purchased. Default color backgrounds will display.
7. You may customize your labels by selecting the background colors for each character position in the label sequence. Pull-down options corresponding to "Ten" color choices are displayed. Once choices have been made, a sample label will display on screen.



8. If you have any special instructions for your label order, enter them in the designated comments field.
9. Once the order is complete, an on-screen confirmation, as well as an e-mail confirmation, will be distributed for the order.

**Note: There are no refunds for credit or reworks when incorrect labeling information is submitted.**

# ordering guidelines

## Barcode Labels

Dell barcode tape media is customized through the use of EDP Colorflex barcode labels, which have been the choice for many of the world's leading storage OEM's for over 17 years.

## Barcode Requirements

- Minimum orders include one library pack of 20 cartridges or one 5-pack of cleaning cartridges
- Labeling available on library 20-packs for:
  - LTO Ultrium 1, 2, 3, 3-WORM, 4, 4-WORM, 5, 5-WORM Data Cartridges
- Labeling available on 5-packs for:
  - LTO Ultrium Universal Cleaning Cartridges

## Order Processing Time

Orders will appear in your account within 24 hours of placing your order. Orders that are placed on a Friday will appear in your account on a Monday. Allow 3 to 5 days for order processing time. Orders exceeding 5,000 pieces may require additional time. Orders received by 2:00pm EST are considered received on that date. Orders received after this time will be logged in as being received on the following business day.

## Barcode Labeling

Labeling timelines will be determined at the time of the order. Questions can be directed to your Dell Sales Representative.

To contact your Dell Sales Representative, please call

Dell Customer Support per the list below:

Medium & Large Business: 1.800.357.3355

Small Business: 1.800.757.8434

Healthcare: 1.800.822.8143

KSLG (k-12, State & Local Government): 1.888.242.0959



MediaLabelTool.com

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## custom labeling



barcode labeling for magnetic tape media

MediaLabelTool.com

automated tape environments are continuing to grow. as a result, it is necessary to streamline processes as storage volume continues to increase.



Dell provides custom barcode labeling on LTO Ultrium Data and Cleaning Cartridges.

## WHY BARCODE?

Barcode labeling is a key organizational component that defines the efficiency of growing media libraries. Autoloaders within tape libraries require a barcode label to identify the correct data cartridge. When the label has been scanned and confirmed, it is mounted or removed from the tape library as needed. Upon removal, a tape is archived in a rack storage system where the barcode is utilized for identification and for fast retrieval in critical situations.

Label quality is critical for efficient data management. Great care is taken to ensure that the label is applied within the recess of the cartridge to avoid reading inconsistencies. Custom bar codes come in horizontal and vertical formats (Figure 1.1) and are applied as a label with an adhesive backing. Label application services are handled internally to ensure consistent quality controls throughout the manufacturing process.

## FIGURE 1.1 ANATOMY OF A BARCODE

### Barcode

A barcode symbol consists of varying width parallel bars and spaces. Pre-determined width patterns are used to represent actual data in the symbol.



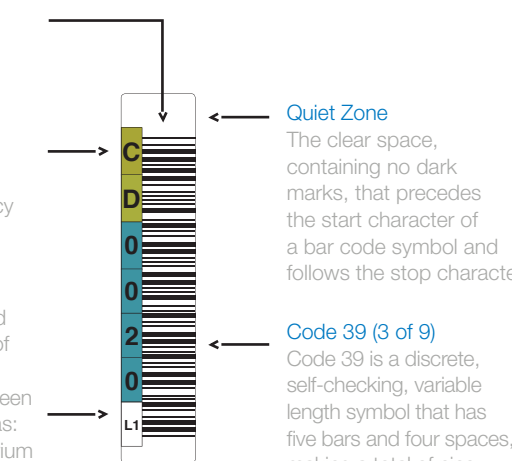
Horizontal Barcode

### Checksum Character

A character included within a string of data whose value is used for the purchase of performing a mathematical check to ensure the accuracy of that data.

### Media Identifier

One or more characters used to uniquely identify the type of media. Used by some library systems to differentiate between generations of media, such as:  
L1: Generation 1 of LTO Ultrium  
L2: Generation 2 of LTO Ultrium  
L3: Generation 3 of LTO Ultrium  
L4: Generation 4 of LTO Ultrium  
L5: Generation 5 of LTO Ultrium



Vertical Barcode

**Quiet Zone**  
The clear space, containing no dark marks, that precedes the start character of a bar code symbol and follows the stop character.

**Code 39 (3 of 9)**  
Code 39 is a discrete, self-checking, variable length symbol that has five bars and four spaces, making a total of nine elements. Of these nine elements, three are wide and six are narrow, making Code 39 a two-width code.

Figure 1.1 was provided by Engineered Data Products (EDP) Colorflex Labels.