# Barcodes

A barcode is assigned to a Volume (tape, box, etc) to give it a unique identity and make it identifiable from all other Volumes.

At a minimum the Barcode must be unique to the Customer's Media type. TapeTrack does not allow duplicate Volume-ID's (barcodes) within each Media Type but can also be set to disallow duplicate Volume-ID's within a Customer-ID or globally.

If you have multiple Clients that exist within your TapeTrack database, setting TapeTrack to disallow duplicate Volume-ID's globally may not be able to be enforced as each Client may use a standard labelling, eg 100100L5, and have many Volume-ID's that match other Clients.

If you only have inhouse Volumes, enforcing unique Volume-ID's over your entire tape stock is an easy concept to enforce.

## Barcode Types

TapeTrack does not enforce what type of Barcodes you can use on your tape stock. As long as you have a Barcode reader that can read the Barcodes and transmit that data to TapeTrack you can utilise any available Barcode format.

Example Barcode Formats

QR

Linear




RF

## Barcode Rules

1. The Barcode value for each Volume-ID must be unique within a Customer/Media Type scope at a minimum. If TapeTrack is set to disallow duplicate Barcodes at a Customer or Global level the Barcode value must be unique at that scope.
2. The Barcode value must be between 2 and 10 characters long.
3. Must only contain Alpha [A-Z] and Numeric characters [0-9] but can contain a dash as long as the dash is not the first character.
4. Can not contain a space or any special character other than a dash.
5. Must only use upper case characters.
6. Must comply with the Volume-ID filter specified in the Media Type object.

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