

# 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 [Customers 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 123456L5, 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 easier 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 Barcode

Unqualified Barcode: 123456L5



Fully Qualified Barcode: 123456L5



#### 2D Barcode

Unqualified Barcode: 123456L5



Fully Qualified Barcode: 123456L5



## Radio Frequency Barcode



## 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.

## See Also

[Barcodes](#)

[Qualified Barcodes](#)

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