

# FUZZY Matching

TapeMaster supports fuzzy pattern matching using the special filter prefix:

`FUZZY:text:floor`

- `text` the string you are searching for
- `floor` the minimum fuzzy score required for a match

A higher floor equals a stricter match, lower floor means a looser match. The fuzzy floor value is typically between 0 and 100.

## Example

Example set of Description values for Volumes in TapeMaster:

Production database weekly backup  
Prod DB full backup  
Prod data backup set  
Production export dump  
Development database backup  
Weekly archive - finance system

### Low Match (Loose Filtering)

Use a low floor value to allow broad matching, abbreviations, and partial similarity.

```
FUZZY:production backup:40
```

This will typically match:

Production database weekly backup  
Prod DB full backup  
Prod data backup set  
PRD database BKP  
Production export dump

This level is useful when Description fields are inconsistent or abbreviated.

### Medium Match (Balanced Filtering)

Use a medium floor value for normal operational filtering. This reduces false positives while still allowing minor differences.

```
FUZZY:production backup:70
```

This will typically match:

- Production database weekly backup
- Prod DB full backup
- Prod data backup set

This will typically exclude:

- Production export dump
- Development database backup
- Weekly archive - finance system

This is recommended for most day-to-day filtering in TapeMaster.

### High Match (Strict Filtering)

Use a high floor value when the Description field is consistent and you require close similarity.

```
FUZZY:production backup:90
```

This will typically match:

- Production backup
- Production database backup

This will typically exclude:

- Production database weekly backup
- Prod DB full backup
- Prod data backup set
- PRD database BKP

This level is useful when you want to avoid incorrect or loosely related matches.

### Fuzzy Floor Guidelines

Floor Value	Match Type	Typical Use
30 - 50	Low (Loose)	Inconsistent descriptions, abbreviations
60 - 80	Medium	Normal operational filtering
85 - 95	High (Strict)	Standardised Description formats

### Additional Examples

Find descriptions similar to “monthly archive”:

```
FUZZY:monthly archive:45
```

```
FUZZY:monthly archive:70
```

FUZZY:monthly archive:90

## See Also

[FUZZY pattern matching](#)

[cookbook](#), [pattern](#), [string](#)

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