

# EU VAT number

EU VAT registration — 2-letter country + 8–12 alphanumerics.

```
^(AT|BE|BG|CY|CZ|DE|DK|EE|EL|ES|FI|FR|GB|HR|HU|IE|IT|LT|LU|LV|MT|NL|PL|PT|RO|SE|SI|SK)[A-Z0-9]{8,12}$
```

## Token-by-token breakdown

| Token | Meaning                                     |
|-------|---------------------------------------------|
| ^     | start of string (or line in multiline mode) |
| (     | start of a capturing group                  |
| AT    | literal text "AT"                           |
|       | OR — try the alternative                    |
| BE    | literal text "BE"                           |
|       | OR — try the alternative                    |
| BG    | literal text "BG"                           |
|       | OR — try the alternative                    |
| CY    | literal text "CY"                           |
|       | OR — try the alternative                    |
| CZ    | literal text "CZ"                           |
|       | OR — try the alternative                    |
| DE    | literal text "DE"                           |
|       | OR — try the alternative                    |
| DK    | literal text "DK"                           |
|       | OR — try the alternative                    |
| EE    | literal text "EE"                           |
|       | OR — try the alternative                    |
| EL    | literal text "EL"                           |
|       | OR — try the alternative                    |
| ES    | literal text "ES"                           |
|       | OR — try the alternative                    |
| FI    | literal text "FI"                           |
|       | OR — try the alternative                    |
| FR    | literal text "FR"                           |
|       | OR — try the alternative                    |
| GB    | literal text "GB"                           |

| Token          | Meaning                                                   |
|----------------|-----------------------------------------------------------|
|                | OR — try the alternative                                  |
| HR             | literal text "HR"                                         |
|                | OR — try the alternative                                  |
| HU             | literal text "HU"                                         |
|                | OR — try the alternative                                  |
| IE             | literal text "IE"                                         |
|                | OR — try the alternative                                  |
| IT             | literal text "IT"                                         |
|                | OR — try the alternative                                  |
| LT             | literal text "LT"                                         |
|                | OR — try the alternative                                  |
| LU             | literal text "LU"                                         |
|                | OR — try the alternative                                  |
| LV             | literal text "LV"                                         |
|                | OR — try the alternative                                  |
| MT             | literal text "MT"                                         |
|                | OR — try the alternative                                  |
| NL             | literal text "NL"                                         |
|                | OR — try the alternative                                  |
| PL             | literal text "PL"                                         |
|                | OR — try the alternative                                  |
| PT             | literal text "PT"                                         |
|                | OR — try the alternative                                  |
| RO             | literal text "RO"                                         |
|                | OR — try the alternative                                  |
| SE             | literal text "SE"                                         |
|                | OR — try the alternative                                  |
| SI             | literal text "SI"                                         |
|                | OR — try the alternative                                  |
| SK             | literal text "SK"                                         |
| )              | end of group                                              |
| [A-Z0-9]{8,12} | between 8 and 12 times: any of: uppercase letters, digits |
| \$             | end of string (or line in multiline mode)                 |

## Quick usage in 7 languages

Full breakdown, live testing & code generation: [regexguide.com/patterns/eu-vat.html](https://regexguide.com/patterns/eu-vat.html)

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|                   |                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>JavaScript</b> | <pre>const re = /^(AT BE BG CY CZ DE DK EE EL ES FI FR GB HR HU IE IT LT LU LV MT NL PL PT RO SE SI SK)[A-Z0-9]{8,12}\$/; re.test(value);</pre>               |
| <b>Python</b>     | <pre>import re re.match(r"^(AT BE BG CY CZ DE DK EE EL ES FI FR GB HR HU IE IT LT LU LV MT NL PL PT RO SE SI SK)[A-Z0-9]{8,12}\$", value)</pre>               |
| <b>Java</b>       | <pre>Pattern.compile("(AT BE BG CY CZ DE DK EE EL ES FI FR GB HR HU IE IT LT LU LV MT NL PL PT RO SE SI SK)[A-Z0-9]{8,12}\$").matcher(value).matches();</pre> |
| <b>C# / .NET</b>  | <pre>Regex.IsMatch(value, @"^(AT BE BG CY CZ DE DK EE EL ES FI FR GB HR HU IE IT LT LU LV MT NL PL PT RO SE SI SK)[A-Z0-9]{8,12}\$");</pre>                   |
| <b>Go</b>         | <pre>regexp.MustCompile(`^(AT BE BG CY CZ DE DK EE EL ES FI FR GB HR HU IE IT LT LU LV MT NL PL PT RO SE SI SK)[A-Z0-9]{8,12}\$`).MatchString(value)</pre>    |
| <b>Ruby</b>       | <pre>/^(AT BE BG CY CZ DE DK EE EL ES FI FR GB HR HU IE IT LT LU LV MT NL PL PT RO SE SI SK)[A-Z0-9]{8,12}\$/ .match?(value)</pre>                            |
| <b>PHP</b>        | <pre>preg_match('~^(AT BE BG CY CZ DE DK EE EL ES FI FR GB HR HU IE IT LT LU LV MT NL PL PT RO SE SI SK)[A-Z0-9]{8,12}\$~', \$value);</pre>                   |

## Common pitfalls

- **Anchored to the whole string.** This pattern uses `^` and `$`, so it requires the entire input to match. To find it inside a longer text, drop the anchors and use the global (`g`) flag.
- **Uppercase only.** Ranges like `[A-Z]` won't match lowercase. Add `a-z` (or the `i` flag) if lowercase input should be accepted.
- **Validate beyond format.** Matching the format doesn't guarantee the value is real. Confirm the eu vat number against a source of truth (database, API, or checksum) where it matters.