

U-100 Syringe Conversion Chart (Printable PDF)

ANSWER

A U-100 syringe has 100 marked units per millilitre, so one unit equals 0.01 mL. This chart converts barrel markings into volume only. It cannot convert units into peptide mass unless a separate concentration is supplied, and it states no dose.

This chart is a calculation reference. The amounts shown are labels or arithmetic examples; this chart states no dose and gives no **medical advice**.

U-100 barrel marking → solution volume

Each row is a direct conversion. No row is highlighted or selected for the reader.

U-100 marking	Volume	Fraction of 1 mL
1 units	0.01 mL	1/100
2 units	0.02 mL	2/100
5 units	0.05 mL	5/100
10 units	0.1 mL	10/100
20 units	0.2 mL	20/100
25 units	0.25 mL	25/100
30 units	0.3 mL	30/100
40 units	0.4 mL	40/100
50 units	0.5 mL	50/100
75 units	0.75 mL	75/100
100 units	1 mL	100/100

Sources

FDA syringe safety and device information (<https://www.fda.gov/medical-devices/general-hospital-devices-and-supplies/syringes>)

NIST Guide for the Use of the International System of Units (<https://www.nist.gov/pml/special-publication-811>)

• KEY FACTS

- ✓ **Arithmetic reference only:** every numeric cell is a unit conversion or mass ÷ volume result.
- ✓ **No amount is selected:** any target amount shown is explicitly a user-entered example axis.
- ✓ **Printable:** the HTML table and downloadable PDF are generated from the same source.
- ✓ **Check the label:** a table cannot authenticate a vial, syringe or diluent.

How to read this chart

Use a value printed on your own label or measuring device, then follow the row to the converted unit. The table performs deterministic arithmetic and does not decide which row applies to you.

What this chart does not do

It does not select an amount, product, diluent volume, schedule or progression. It is a printable reference for values that already exist in your own record.

Source and method

The table was generated from the stated formula and checked against **FDA syringe safety and device information** · **NIST Guide for the Use of the International System of Units**. External sources provide unit or identity context; the numeric grid itself is original arithmetic.

Frequently asked questions

Does this printable chart recommend a dose?



No. It converts labelled mass, measured volume and user-entered values. It provides no starting amount, upper limit, schedule or progression.

Can I use the PDF without the website?



Why is the source list separate from the numeric table?



Last updated July 28, 2026 · Written by Aykut Yilmaz