



Calculate the internal volume of tubing – How to

To calculate the internal volume (**V**), you need to know the **length** of tubing (**L**) and the inner diameter (ID). You then use the formula for volume of a cylinder.

Convert **L** and ID into cm first. (1 inch = 2.54 cm). This gives **V** in cm³. 1 cm³ = 1 mL. You can then convert into µL if desired by 1000µL = 1mL.

$$V = \pi (ID/2)^2 L$$



[Tubing Product Page](#)