



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 cm^3 . $1 \text{ cm}^3 = 1 \text{ mL}$. You can then convert into μL if desired by $1000\mu\text{L} = 1\text{mL}$.

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



[Tubing Product Page](#)