MICROSOLV

## 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 $=2.54 \mathrm{~cm}$ ). This gives V in $\mathrm{cm} 3.1 \mathrm{~cm} 3=1 \mathrm{~mL}$. You can then convert into $\mu \mathrm{L}$ if desired by $1000 \mu \mathrm{~L}=1 \mathrm{~mL}$.
$V=\pi(I D / 2) 2 L$
$x$

Tubing Product Page

