

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 μ L if desired by 1000μ L = 1mL.

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



Tubing Product Page

9158 Industrial Blvd. NE, Leland, NC 28451 tel. (732) 380-8900, fax (910) 769-9435

Email: customers@mtc-usa.com Website: www.mtc-usa.com