



## Pipette Interface

The pipette interface gently guides most common pipette tips into an elastomer seal, creating a leak-free connection to your custom microfluidic device for liquid pressures up to 1 bar. Optimized for 9 mm spacing, it maintains compatibility with 96 well plate standards. It is purpose-built to interface with liquid handlers.

### Product Information

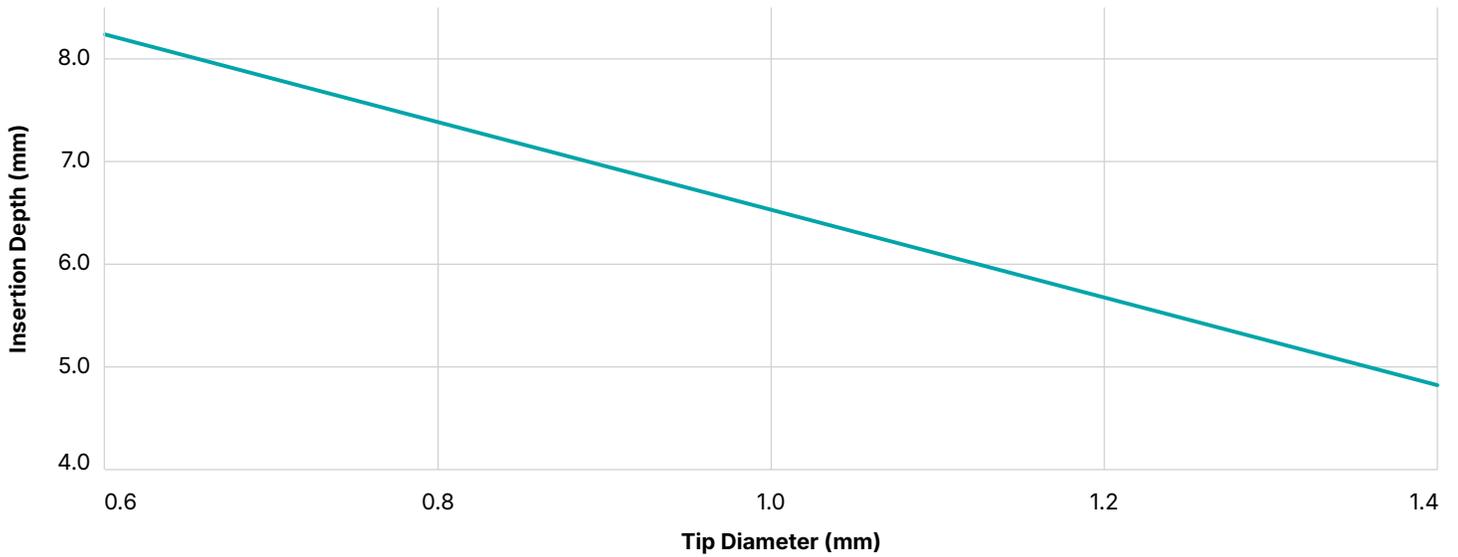
Model ID	Pipette Interface
Overall dimensions	7.25 × 7.25 × 8.25 mm
Body material	COP, PMMA, or PC
Wetted material	SEBS elastomer
Total Internal volume*	0.4 µL - 1.5 µL
Typical tip extraction force	2 N
Minimum spacing	9 mm diameter
Compatible media	Aqueous solutions, polar organic solvents, acids and bases, fluorinated oils and surfactants
Device assembly method	Laser welded

### Performance Specifications

Recommended tip diameter	0.6 mm - 1.4 mm
Maximum operating temperature	45 °C
Expected lifetime	100 cycles

\* Internal volume is dependent on tip diameter and insertion depth

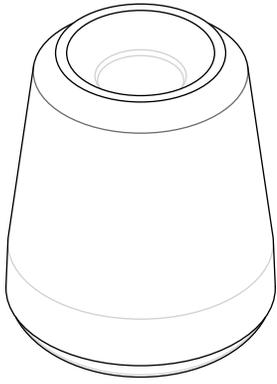
**Tip Insertion Depth Recommendation**



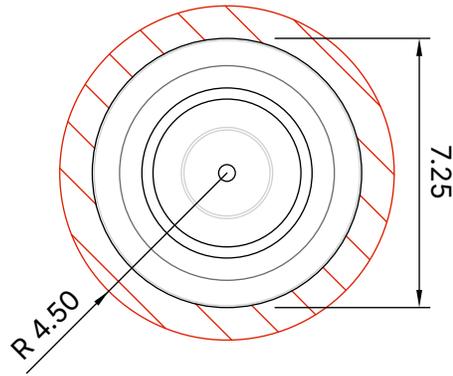
**Insertion Depths for Select Manufacturers**

Manufacturer	Volume (µL)	Diameter (mm)	Insertion Depth (mm)
Tecan	10	0.6	8.2
Opentrons	50	0.73	7.7
Eppendorf	10	0.75	7.6
Eppendorf	20	0.8	7.4
Tecan	50	0.8	7.4
Eppendorf	100	0.9	7.0
Eppendorf	200	0.9	7.0
Tecan	200	0.9	7.0
Tecan	350	0.9	7.0
Opentrons	200	0.96	6.7
Eppendorf	300	1.0	6.5
Tecan	1000	1.2	5.7
Eppendorf	1000	1.3	5.2
Opentrons	1000	1.3	5.2

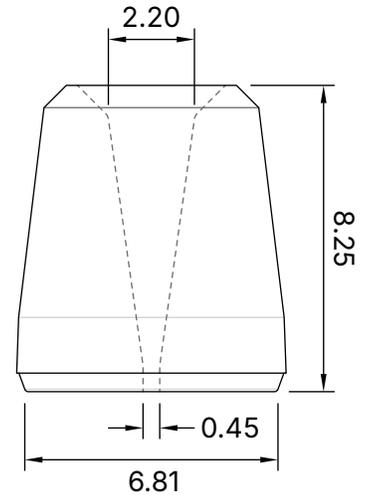
**Product Dimensions**



Dimensions in millimeters  
CAD available upon request



**TOP**



**SIDE**