

# Operating Instructions

BioTight™ is as straightforward to assemble as it is to use. Just follow these simple steps:

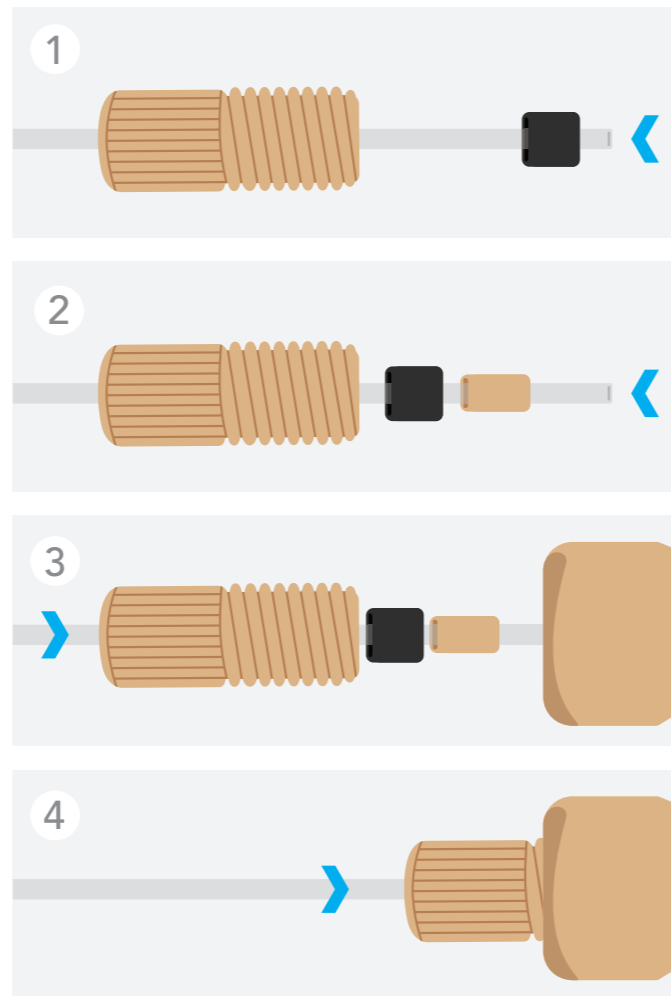
- 1 Slide the fitting onto your tubing and add the black-colored lock ring, ensuring the ridge feature faces the fitting for 1/8-inch tubing.
- 2 Slide the ferrule tube onto your tubing.
- 3 Next, place the components into your intended port, inserting the port thread into the fitting while keeping pressure on the tube.
- 4 Continue until you feel the lock ring bottom-out in the port. It's that simple.

## BIOTIGHT™ PRODUCT PART NUMBERS

LP-125	BioTight™ Ferrule and Lock Ring 1/8"
LP-062	BioTight™ Ferrule and Lock Ring 1/16"
LP-336	BioTight™ Universal Fitting

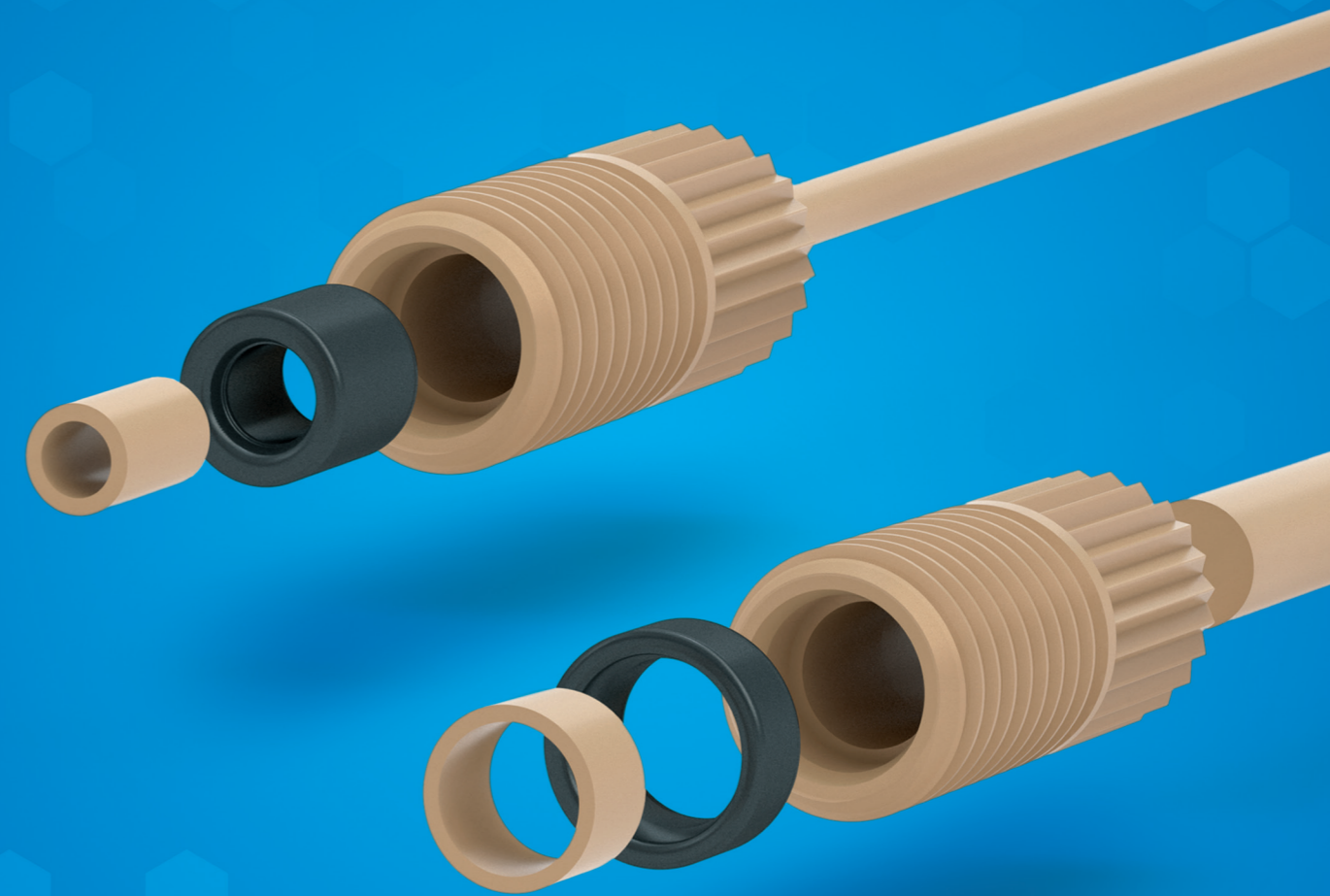
## BIOTIGHT™ SPECIFICATIONS

Rated Working Pressure	LP-062: 200 psi LP-125: 100 psi
Working Port	¼-28 Flat Bottom, IDEX Health & Science Standard Depth, Metal and Polymer
Compatible Tubing	0.124" ± 0.003" OD Rigid Polymer 0.062" ± 0.001" OD Rigid Polymer
Compatible Fittings	LP-336 Specialized Fitting (Headless)
Fitting Size	Shorter and Narrower Head Size than Other ¼-28 Fittings
Material Type	PEEK
Torque Required	Light Fingertight (<2 in. lbs.)
Over Torque	No Damage at 3 in. lbs.
Repeat Uses	>100
Assembly Method	Assembled by Customer or IDEX Health & Science (Manual or Port Swage)



# BioTight™

## A Press-Fit Ferrule Fitting



# BioTight™

EASY TO USE · COMPACT · VERSATILE · METAL-FREE

Do you struggle to source easy-to-use fittings suitable for low-pressure applications in confined spaces?

For those navigating the world of low-pressure applications, the struggle ends with BioTight™ from IDEX Health & Science. Our user-friendly fitting streamlines your workflow with reliability in every connection.



## Benefits & Features of BioTight™

### Ideal for Tight Spaces

BioTight™ can navigate spaces other fittings can't reach. With a sleek, low-profile design, it offers an unrivaled finger-tight solution for confined spaces, ensuring ease and precision.

### Easy-to-Use

BioTight™ fittings redefine simplicity with a press-fit design, eliminating the need for high-torque seals. See BioTight™ in action and learn how to assemble by visiting [www.idex-hs.com/BioTight](http://www.idex-hs.com/BioTight).

### Suited for Low-Pressure

With a seal you can trust, BioTight™ is ideal for low-pressure applications, rated up to 100 psi for 1/8" outer diameter tubing and 200 psi for 1/16" outer diameter tubing.

### Versatile

Engineered for adaptability, BioTight™ fittings integrate effortlessly into a broad spectrum of low-pressure fluidic systems to amplify your bio-market applications.

### Metal-Free

Made with all PEEK components, BioTight™ fittings offer metal-free integrity to ensure chemical and biological compatibility for sensitive applications.

### Consistent Performance

BioTight™ fittings go beyond expectations, consistently setting a new benchmark for performance, reliability, and efficiency.

BIOTIGHT™ IS IDEAL FOR LOW-PRESSURE FLUIDIC APPLICATIONS IN BIO MARKETS INCLUDING...



SPATIAL BIOLOGY



NEXT GENERATION SEQUENCING



IVD BIO



GENOMICS



CHROMATOGRAPHY

Discover the Full Potential of BioTight™ Combination Fittings at [www.idex-hs.com/BioTight](http://www.idex-hs.com/BioTight)