

How to assemble a temperature probe to a Swagelok 1/4 to 1/8 inch tube adapter with nylon ferrules (to prevent damage to probe)

Not tightened



Tightened



Swagelok parts



Part No.: SS-200-R-4BT

Description: SS Swagelok Tube Fitting, Bored-Through Reducer, 1/8 in. x 1/4 in. Tube OD

Unit Price: Log in to see pricing

Availability: Log in to see availability

Not bored through (would have to drill through to fit probe through)



Part No.: SS-200-R-4

Description: SS Swagelok Tube Fitting, Reducer, 1/8 in. x 1/4 in. Tube OD

Unit Price: Log in to see pricing

Availability: Log in to see availability



Part No.: NY-203-1

Description: Nylon Front Ferrule for 1/8 in. Swagelok Tube Fitting

Unit Price: Log in to see pricing

Availability: Log in to see availability

Quantity:

[Buy](#)

[Quote](#)



Part No.: NY-204-1

Description: Nylon Back Ferrule for 1/8 in. Swagelok Tube Fitting

Unit Price: Log in to see pricing

Availability: Log in to see availability

Quantity:

[Buy](#)

[Quote](#)



Part No.: SS-400-SET

Description: 316 SS Ferrule Set (1 Front Ferrule/1 Back Ferrule) for 1/4 in. Swagelok Tube Fitting, Please order in multiples of ten

Unit Price: Log in to see pricing

Availability: Log in to see availability



Part No.: SS-400-3

Description: SS Swagelok Tube Fitting, Union Tee, 1/4 in. Tube OD

Unit Price: Log in to see pricing

Availability: Log in to see availability



Part No.: SS-401-PC

Description: SS Swagelok Tube Fitting, Port Connector, 1/4 in. Tube OD

Unit Price: Log in to see pricing

Availability: Log in to see availability



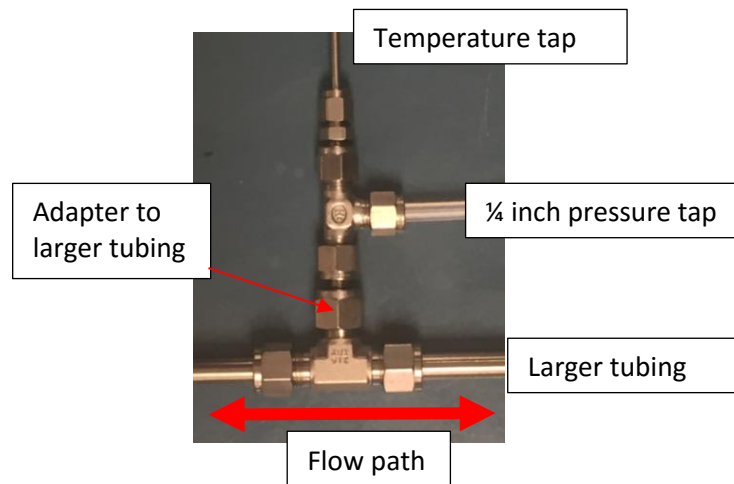
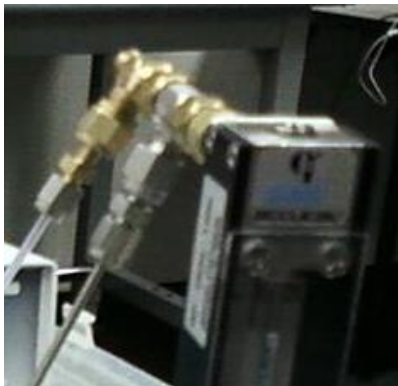
Part No.: PFA-T4-047-100

Description: PFA Tubing, 1/4 in. OD x 0.047 in. Wall x 100 Feet, NOTE: One "piece" equals 100 feet of tubing in a box

Unit Price: Log in to see pricing

Availability: Log in to see availability

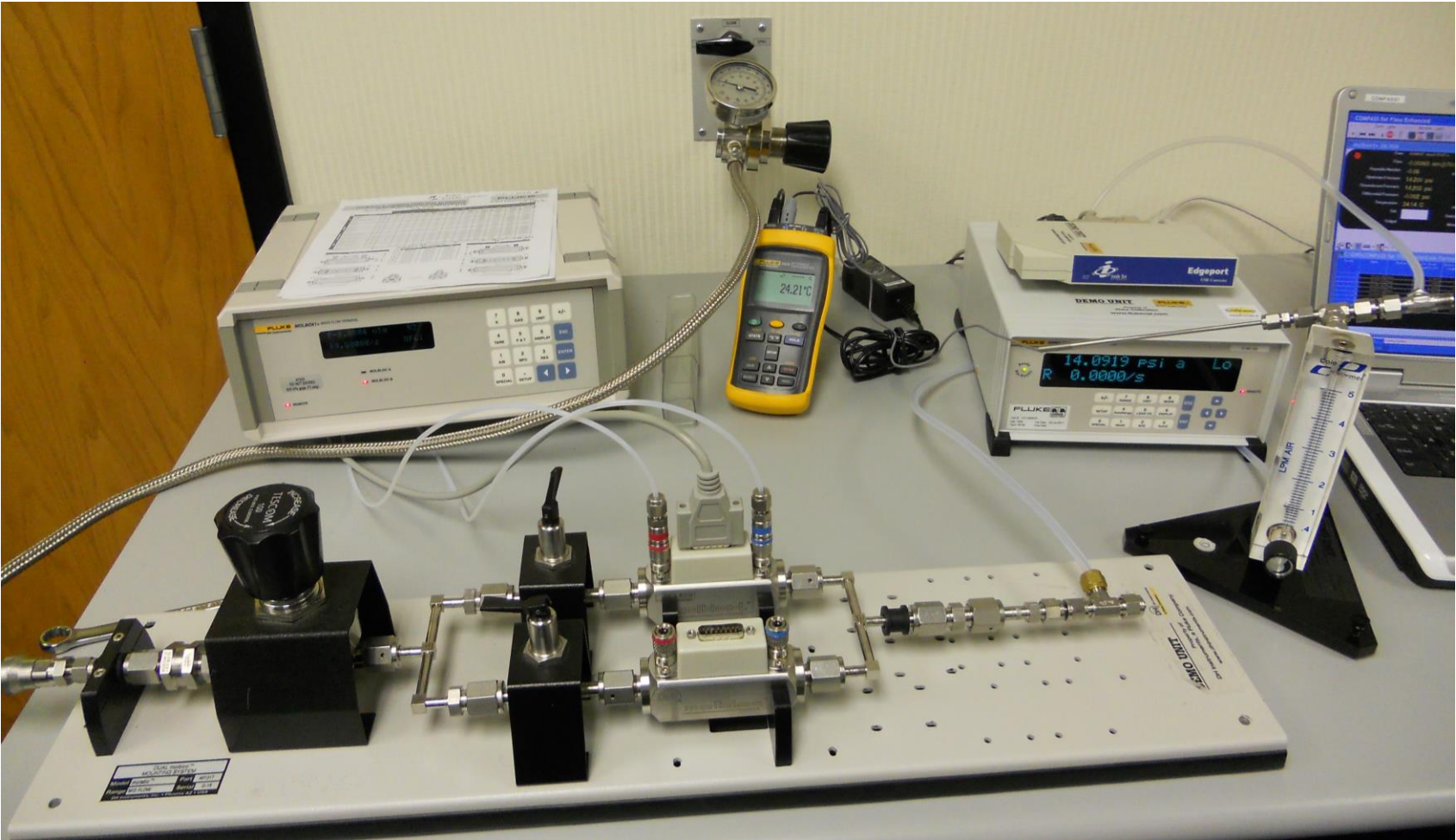
Example below of above fittings attached to rotameter, along with another adapter for a 1/8 inch pressure line to a pressure monitor. Could also use a 1/4 inch line to the pressure monitor. Also note that in this example the gas will flow through 1/4 inch fittings that might restrict the flow. The same adapter fittings can also be adapted to larger fittings that the gas will flow through. If so, the temperature probe can be inserted in one of the other fittings on the tee so the opposing fitting can be adapted to a larger size.



Not tightened



molbox1+ and molbloc for flow measurement, RPM4 for pressure measurement and 1524 for temperature measurement



molbox RFM and molbloc for flow measurement, RPM4 for pressure measurement and 1524 for temperature measurement

