

1. Spec on Teflon FEP tubing we use
  2. [http://www.penvolve.com/catalogs/teflon\\_fluid\\_handling.pdf](http://www.penvolve.com/catalogs/teflon_fluid_handling.pdf)
  3. page 25 FEP-250-063 ¼ x 1/8 = 1750 bursting pressure
  4. The bursting pressure is 1750 psi for the ¼ OD x 1/8 ID FEP thick wall tubing that we use.
  5. The bubble solution we get is called The Leak Detective : <http://www.hoke.com/products/leakdetect/index.htm>
  6. Omega Mass Flow Meter: [http://www.omega.com/Green/pdf/FMA1700\\_1800.pdf](http://www.omega.com/Green/pdf/FMA1700_1800.pdf) - we have the model 1814 0 – 1 LPM in N2
- FMA1814      7. \$511.00      8. 0-1 SLPM Mass flowmeter with display, aluminum/brass body



9. Omega mass flow meter above or Rota meters below are :
10. These rotameters must be specified to read in N2 (Nitrogen) or Air.
  - a. Do not get rotameters designed to measure flow of water
  - b. Get them for measuring in N2 or Air
  - c. Get them for measuring as ccm's – not sccm's
11. Triangle base [http://www.coleparmer.com/catalog/product\\_view.asp?sku=0322630](http://www.coleparmer.com/catalog/product_view.asp?sku=0322630)
12. 100 ccm [http://www.coleparmer.com/catalog/product\\_view.asp?sku=3200004&px=EW](http://www.coleparmer.com/catalog/product_view.asp?sku=3200004&px=EW)
  - a. The side sticker reads (model number) PRM1-010688
13. 200ccm [http://www.coleparmer.com/catalog/product\\_view.asp?sku=3200006](http://www.coleparmer.com/catalog/product_view.asp?sku=3200006)
14. 300 ccm [http://www.coleparmer.com/catalog/product\\_view.asp?sku=3200008](http://www.coleparmer.com/catalog/product_view.asp?sku=3200008)
15. 500ccm [http://www.coleparmer.com/catalog/product\\_view.asp?sku=3200338](http://www.coleparmer.com/catalog/product_view.asp?sku=3200338)
16. 1.2 LPM [http://www.coleparmer.com/catalog/product\\_view.asp?sku=00211FX&px=EW](http://www.coleparmer.com/catalog/product_view.asp?sku=00211FX&px=EW)
  - a. The side sticker reads (model number) PRM1-010582

