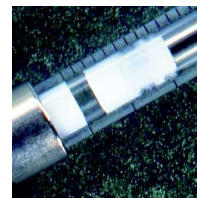


Pressure-Lok® Syringe Features

PTFE Plunger Tip

Plunger tips are fabricated of PTFE, stress-formed by our own special process to insure a leak-tight seal. The self-lubricating plunger tip stays smooth for the life of the syringe, with none of the freezing up or residue build-up associated with conventional all-metal plungers.



PTFE-Sealed Needle

Standard needle attachment includes a barrier sleeve or packing of PTFE on the rear of the needle at the zero point. This isolates the sample from the needle cement, preventing possible dissolution of the adhesive or contamination of the sample. Many models are also available in a luer-tip version.



Ultra-Smooth Bore

Syringe barrels up to 100 µl are hand-fabricated from high quality borosilicate glass, manufactured to our specifications. The extremely smooth bore prevents undue wear of the plunger tip and insures a smooth, durable seal.

Hand Calibration

Each barrel undergoes a series of quality checks, including hand-calibration of consistent volume delivery. After final assembly of each lot, volume delivery is checked again with an electronic microbalance. These careful steps in quality control insure that every Pressure-Lok® microsyringe measures up to today's stringent requirements for precision and accuracy.

Easily Replaceable Parts

Depending on the specific model, some or all of the wear parts can be easily replaced, optimizing your equipment investment.

Shaped Rear Flange

All syringes have a rear flange to provide a secure grip and keep the syringe from rolling.

Low Dead Volume

Every syringe design takes advantage of every opportunity to minimize or eliminate dead volume.

Crisp, Clean Graduations

Our methods insure easy reading of the sampled amount.

PTFE

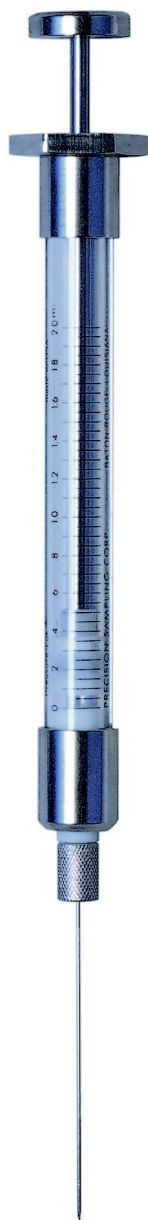
Polytetrafluoroethylene is the generic name for the class of materials such as Teflon® sold by E.I. duPont de Nemours.

SAFETY NOTE

To prevent possible injury, proper safety precautions should always be observed when pressurizing glass cylinders such as syringes.

SPECS

Removable needles
Bevel, open end
Removable needle size:
.029" x .005" x 2"
.029" x .012" x 2"
250 psi max,
gases and liquids



**Series C,
Standard needle
2 ml
#030034**

Series C

- **Optional Chaney adapter**
Much lower dead volume than luer-style connectors
- **Perfect syringe for everyday use**
All our standard features, but without a valve for pressurized sample storage

Series C syringes

	Standard	Standard w/ Chaney adapter	Luer
Sample size	Prod No	Prod No	Prod No
100 µl	030025	101430	030045
250 µl	030031	101440	030051
500 µl	030032	101448	030052
1 ml	030033	101455	030053
2 ml	030034	101463	030054
5 ml	030035	101470	030055
10 ml	030036	101478	030056

Replacement needles

	Bevel, open end	Side port, taper
Package of 3:	Prod No	Prod No
Standard Pressure-Lok®		
.029" x .005" x 2"	943050	—
.029" x .012" x 2"	943051	—
Chaney adapter		
.018" x .008" x .75"	—	101935

NEEDLE TIPS



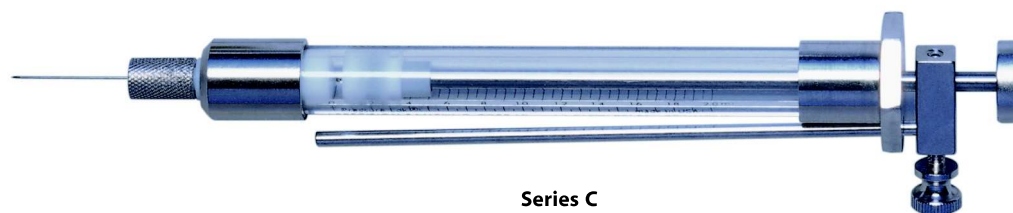
Bevel, open end



Side port, taper

Further reference

Replacement
components .. page 12



**Series C
w/ Chaney adapter
2 ml
#101463**