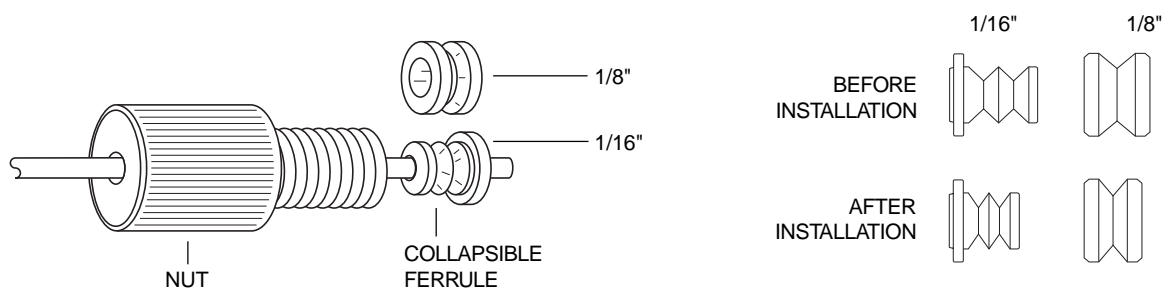




## Cheminert® Flangeless Fittings with collapsible ferrule

Cheminert flangeless fittings now include our new patented\* collapsible ferrule design. This innovative design utilizes a one-piece ferrule engineered to collapse as it is tightened. The collapse takes place in two very narrow areas, and results in a very effective seal with virtually no distortion of the tubing ID and no dead volume.



### Instructions

1. Use a sharp razor blade (or polymer tubing cutter) to cut the tubing, making sure that the cut is square and that the tubing is not crushed.
2. Slide the nut onto the tubing, followed by the ferrule. With 1/16" ferrules, the small end goes toward the nut. For 1/8" ferrules, the orientation doesn't matter.
3. Screw the assembly part way into a 1/4-28 female fitting (or a Cheminert setting tool, p/n CST).
4. Make sure the tubing is pushed all the way into the female fitting, then screw in the nut until you feel the increase in resistance which signifies that the nut has contacted the ferrule. Finger-tighten it 3/4 turn past that point.

NOTE: These instructions are valid for the standard CTFE collapsible ferrules (p/n CFL-CB1KF or CFL-CB2KF) as well as the optional PEEK ferrules (p/n CFL-CB1PK or CFL-CB2PK), but the PEEK ferrules require a little more force to apply the 3/4 turn. Either ferrule used with PEEK tubing may require one full turn, but *tightening in excess of one turn is not advised*. We strongly recommend the use of PEEK ferrules with PEEK tubing.

#### Caution:

Extreme overtightening can result in loss of sealing capacity.

#### Retightening a previously made up fitting

Screw the nut into the fitting detail approximately 1/4 turn after the nut begins to compress the ferrule.

\*Patent No. 6,575,501



**CHROMATOGRAPHIC  
SPECIALTIES INC.**

1-800-267-8103 • [www.chromspec.com](http://www.chromspec.com) • [tech@chromspec.com](mailto:tech@chromspec.com)

