

Sample loops

VALCO ■ CHEMINERT® ■ RHEODYNE®

Sample loops are accurately sized for each valve type. However, with small volume loops, the tolerance on the ID of the tubing ($\pm 0.001''$) can have a significant effect on the volume. Therefore loop volume and loop appearance may differ from batch to batch.

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Stainless steel loops

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SPECS

- Material:
 - Loops PEEK
 - Nuts PEEK
 - Ferrules PEEK
 - Caps PE (Polyethylene)
- Tolerances:
 - ± 0.025 mm (.001")

PEEK loops

- Wide range of volumes available
- Biocompatible

VICI Jour PEEK sample loops are made from striped color-coded PEEK tubing and PEEK fittings. PEEK is a mechanically strong, chemically inert polymer ideal for HPLC applications. Since our PEEK sample loops contain no metals or other extractable compounds, no foreign materials will be introduced into the system. Softener-free polyethylene caps are used to avoid contamination of the tubing.

PEEK sample loops are particularly well suited for separations involving proteins, peptides, nucleic acids or other samples of biological origin as well as in IC systems where metal traces may interact with ionic samples or release transition metals that may deactivate ion exchange columns.

PEEK hex-head nuts and PEEK ferrules provide reliable connections, and avoid twisting of the tube.

DISCLAIMER

The maximum holding pressure for any type of connections involving tubing and a ferrule varies considerably with the tubing material, the ferrule material, the clearance between tubing OD and ferrule ID, and the shape of the fitting detail.

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