Silcosteel® Coated Stainless Steel Tubing

Thank you for your purchase of our Silcosteel®-coated tubing. The Silcosteel® coating is the most inert substrate available for the transfer of low-level polar organic compounds.

Instructions for Use

Maximum temperature:  400°C*

Minimum suggested bending radius:

\[\frac{1}{16}\text{-inch OD} = 1\text{-inch radius}\]
\[\frac{1}{8}\text{-inch OD} = 2\text{-inch radius}\]
\[\frac{1}{4}\text{-inch OD} = 4\text{-inch radius}\]

Handling: Handle the Silcosteel® tubing as you would any stainless steel tubing. The only precautions are to avoid any sharp bends below the minimum suggested bending radius. Any bend sharper than these will cause the tubing to stretch, exposing undeactivated stainless steel.

Cutting: Cut the tubing ends with a standard metal tubing cutter. Point the tubing end down when cutting or reaming to prevent metal filings from depositing inside the bore. To ensure peak performance, blow out the tubing with a burst of dry air or nitrogen to ensure all metal particles are removed after cutting.

Solvent compatibility: Silcosteel® tubing is compatible with a wide variety of organic solvents including methylene chloride, pentane, acetone, methanol, and water. Avoid hydrofluoric acid and bases or strong hydrochloric solutions. These acids and bases will damage the Silcosteel® layer.

*May be operated at higher temperatures if purchased without polysiloxane deactivation layer (C/N-279).

Call Technical Service at 800-356-1688 or 814-353-1300, ext. 4 (or your local Restek representative) if you have any questions about this product or any other Restek product.