

SIS now offers a larger variety of tubing for your Chromatography and Laboratory needs. Please note that burst pressures, where listed, should be regarded as absolute limits. Your routine operating pressures should include a suitable safety margin based on your specific application and equipment.

Copper Tubing

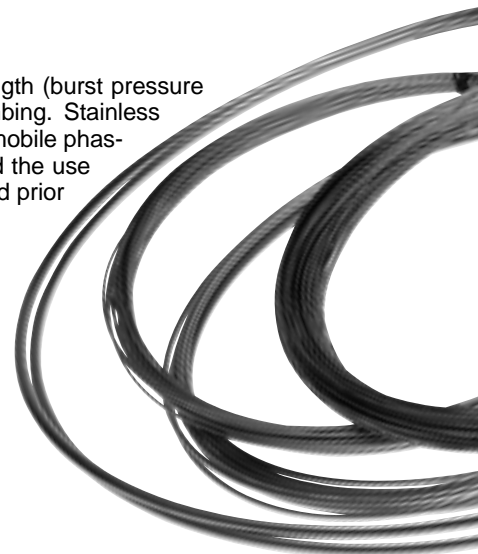
Flexible 1/8" copper is a convenient, non-permeable means of supplying GC carrier gas, Helium for sparging HPLC reservoirs, detector gas supplies, etc. Bulk copper tubing should be solvent-cleaned before use to assure that it is free of contamination. Rinse the tubing with Methanol and Methylene Chloride, then connect it to a clean gas supply and heat the tubing to remove residual solvent.

Part Number	Description	Price 50ft Length
5174K1	1/8" OD X 0.065" ID flexible copper tubing	
CTB065C	Precleaned copper tubing	

Stainless Steel Tubing - Chromatography grade - 316

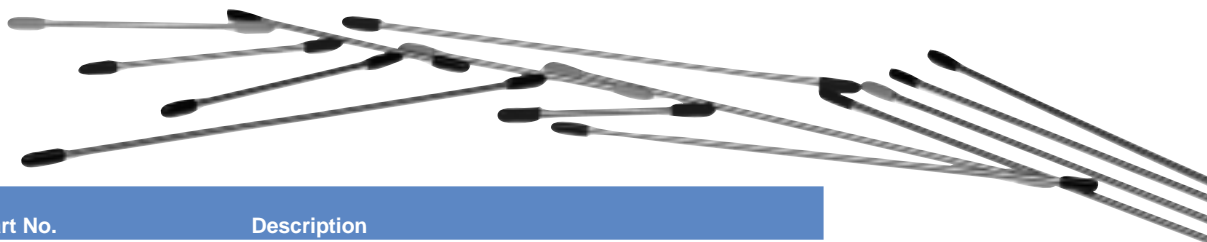
Stainless steel is the most common material for most routine HPLC applications. Its high strength (burst pressure >8000 psi), general inertness and resistance to corrosion make it the standard material for HPLC plumbing. Stainless steel can corrode under extremes of pH, and it can bind proteins as well as contribute metal ions to mobile phases. These properties make stainless steel incompatible with the analysis of many biomolecules and the use of buffers with high ionic strength. Bulk stainless steel tubing from SIS is solvent-cleaned and baked prior to shipment.

Part Number	Description	Price/ft
SSTB010	1/16"OD X 0.010" ID stainless steel tubing	
SSTB020	1/16"OD X 0.020" ID stainless steel tubing	
SSTB030	1/16"OD X 0.030" ID stainless steel tubing	
SSTB040	1/16"OD X 0.040" ID stainless steel tubing	
SSTB082	1/8"OD X 0.082" ID stainless steel tubing	



316 Stainless Steel Pre-cut Tubing

These pieces are cut with an electronic discharge method which leaves the ends perfectly flat, open, and burr-free. Precut stainless tubing is passivated, cleaned and rinsed.



Part No.	Description
SSPC1050	50 mm 1/16" OD X 0.010" ID stainless tubing
SSPC10100	100 mm 1/16" OD X 0.010" ID stainless tubing
SSPC10200	200 mm 1/16" OD X 0.010" ID stainless tubing
SSPC10300	300 mm 1/16" OD X 0.010" ID stainless tubing
SSPC2050	50 mm 1/16" OD X 0.020" ID stainless tubing
SSPC20100	100 mm 1/16" OD X 0.020" ID stainless tubing
SSPC20200	200 mm 1/16" OD X 0.020" ID stainless tubing
SSPC20300	300 mm 1/16" OD X 0.020" ID stainless tubing
SSPC3050	50 mm 1/16" OD X 0.030" ID stainless tubing
SSPC30100	100 mm 1/16" OD X 0.030" ID stainless tubing
SSPC30200	200 mm 1/16" OD X 0.030" ID stainless tubing
SSPC30300	300 mm 1/16" OD X 0.030" ID stainless tubing