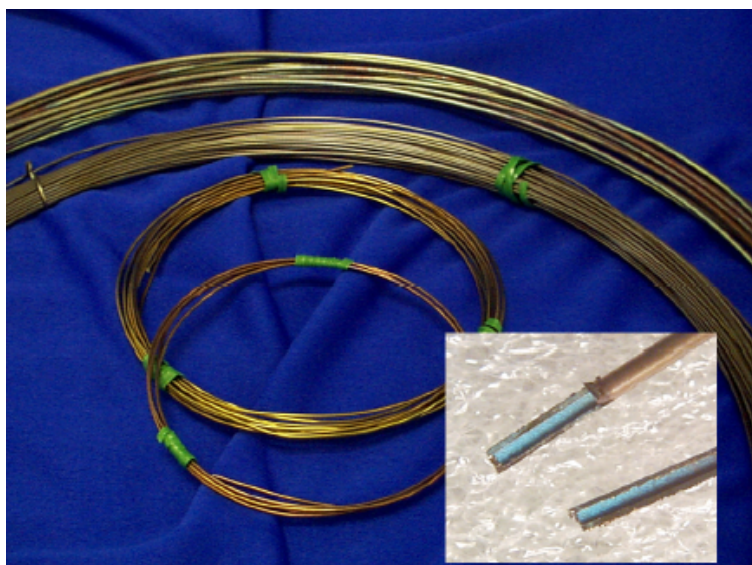


Silonite™ Tubing



Silonite Tubing - The Right Choice!

Silonite is a unique fused silica coating that reduces the surface activity of stainless steel. When applied to the inside of stainless steel tubing, chemical inertness is greatly improved. Combining the durability of stainless steel with the inertness of fused silica creates the perfect solution for real world chemical applications.

What makes Silonite so unique? Unlike other coatings, Silonite provides a thinner, higher density barrier that prevents chemicals from reaching the metal oxides on the interior tubing walls. The smooth coating results in an even, laminar flow creating a lower pressure drop while discouraging the deposition of high molecular weight contaminants. This helps to maintain a clean flowpath while preserving the inert, non-adsorptive properties of the tubing.

Since Silonite is 10-10,000 times thinner than glass lined or thick fused silica lined tubing, Silonite tubing can be bent to nearly any angle without fear of damaging the interior lining. Even the smallest sample loops or tightest bends around corners will not affect tubing inertness.

Features:

- ☞ Inert Silonite (fused Silica) coating.
- ☞ Dense coating prevents interaction with reactive metal oxides on tubing walls.
- ☞ Flexible, allowing virtually any bend radius.
- ☞ Better recovery of reactive organic compounds containing oxygen, nitrogen and sulfur.
- ☞ Smooth coating process reduces internal surface area of tubing.
- ☞ No Siloxane bleed.
- ☞ Does not require additional bonded phase to complete deactivation. Chemicals are transferred more quickly and at lower temperatures.

Applications:

- ☞ GC Transfer Lines
- ☞ Sample Loops
- ☞ Chemical Analyzers
- ☞ GC Inlet Systems (P&T, Headspace, Thermal Desorption)
- ☞ Chemical Processing
- ☞ Cylinder/Canister Purging

Ordering Information

Size (Od x ID)	P/N	Qty(ft.)	Price/ft.
1/32" x 0.02"	15-87020	5-24	\$8.00
		25-199	\$5.00
		200+	\$3.60
1/16" x 0.04"	15-87140	5-24	\$8.00
		25-199	\$5.00
		200+	\$3.60
1/8" x 0.085	15-87280	5.24	\$8.00
		25-299	\$5.00
		200+	\$3.60
1/4" x 0.21"	15-87421	5-24	\$11.00
		25-199	\$7.00
		200+	\$5.00

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