



Tubing

Restek sets the standard in tubing for analytical and process applications. Complete your system with treated fittings and valves for an inert, corrosion-resistant pathway.

The extremely inert Siltek®/Sulfinert® surface is ideal in applications such as sulfurs or automotive exhaust testing, stack gas sampling, process monitoring, or in any other application in which a representative sample must be transferred without loss.

In systems used to transfer hydrochloric acid, nitric acid, or seawater, Silcosteel®-CR treated electropolished stainless steel tubing will last longer and require less maintenance. In tests, Silcosteel®-CR treatment substantially protected stainless steel from pitting and crevice corrosion. For details, visit www.restek.com and download lit. cat.# 59956.

Treated Seamless Electropolished 316L Grade Stainless Steel Tubing

Our highest performing tubing.

Recommended for:

- demanding/corrosive environments.
- high temperatures.
- ultimate inertness.

Siltek®/Sulfinert® Treated Coiled Electropolished 316L Grade Stainless Steel Tubing

OD	ID	cat.#	5-24 ft.	25-99 ft.	100-299 ft.	>300 ft.
1/8" (3.18mm)*	0.085" (2.16mm)	22538				
1/4" (6.35mm)**	0.180" (4.57mm)	22539				

Silcosteel®-CR Treated Coiled Electropolished 316L Grade Stainless Steel Tubing

OD	ID	cat.#	5-24 ft.	25-99 ft.	100-299 ft.	>300 ft.
1/8" (3.18mm)*	0.085" (2.16mm)	22536				
1/4" (6.35mm)**	0.180" (4.57mm)	22537				

1/8" OD: 5 ft. to 100 ft. in one continuous coil; 1/4" OD: 5 ft. to 300 ft. in one continuous coil. Longer lengths will be more than one coil.
Note: required length in meters x 3.2808 = length in feet.

did you know?

A smoother internal surface is less adsorptive.



Top: electropolished finish, surface roughness average number: 10-15.

Bottom: conventional finish, surface roughness average number: approx. 23-27.

ordering note

An extra charge is applied for cutting Siltek®/Sulfinert® or Silcosteel®-CR tubing. The charge is calculated from the total number of pieces produced for each line item.

Treated Welded/Drawn 304 Grade Stainless Steel Tubing

Our most popular grade of tubing.

Recommended for:

- chromatography applications.
- gas delivery systems.
- lower pressures.
- inert applications.

Siltek®/Sulfinert® Treated Coiled 304 Grade Stainless Steel Tubing

OD	ID	cat.#	5-24 ft.	25-199 ft.	200-399 ft.	>400 ft.
0.022" (0.56mm)	0.011" (0.28mm)	22500				
0.029" (0.74mm)	0.021" (0.53mm)	22501				
1/16" (1.59mm)	0.010" (0.25mm)	22502				
1/16" (1.59mm)	0.020" (0.51mm)	22503				
1/16" (1.59mm)	0.030" (0.76mm)	22504				
1/16" (1.59mm)	0.040" (1.02mm)	22505				
1/8" (3.18mm)*	0.085" (2.16mm)	22506				
1/4" (6.35mm)*	0.210" (5.33mm)	22507				

for more info

Which treated tubing should I use?

See chart on page 396.

*0.020" wall thickness

**0.035" wall thickness

Treated Seamless 316L Grade Stainless Steel Tubing*High durability tubing.*

- Recommended for:
- inert applications.
 - high temperatures.
 - high pressures.
 - corrosive environments.

Siltek®/Sulfinert® Treated Coiled 316L Grade Stainless Steel Tubing

OD	ID	cat.#	5-24 ft.	25-199 ft.	200-399 ft.	> 400 ft.
1/8" (3.18mm)**	0.055" (1.40mm)	22508				
1/4" (6.35mm)**	0.180" (4.57mm)	22509				
3/8" (9.52mm)***	0.277" (7.04mm)	22914				

Silcosteel®-CR Treated Coiled 316L Grade Stainless Steel Tubing

OD	ID	cat.#	5-24 ft.	25-199 ft.	200-399 ft.	> 400 ft.
1/8" (3.18mm)**	0.055" (1.40mm)	22896				
1/4" (6.35mm)**	0.180" (4.57mm)	22897				
3/8" (9.52mm)***	0.277" (7.04mm)	22915				

Treated Hydroguard™ Deactivated Stainless Steel Tubing

Hydroguard™ deactivation creates a high-density surface that is not readily attacked by aggressive hydrolysis.

- Recommended for:
- plumbing purge and trap systems.
 - headspace systems.

ideal for **purge & trap**

**did you know?**

Other lengths and diameters of treated tubing are available on a custom basis.

Call for availability of lengths greater than 1000ft.

ordering note

Required length in meters x 3.2808 = length in feet.

Minimum Bend Radius for Coated Tubing

OD	Min. Bend Radius
≤ 1/16"	1" (2.5cm)
1/8"	2" (5.1cm)
1/4"	4" (10.2cm)
3/8"	6" (15.2cm)

Silcosteel® Treated Hydroguard™ Deactivated 304 Grade Stainless Steel Tubing

OD	ID	cat.#	5-24 ft.	25-199 ft.	200-399 ft.	> 400 ft.
1/16" (1.59mm)	0.010" (0.25mm)	22497				
1/16" (1.59mm)	0.020" (0.51mm)	22496				
1/16" (1.59mm)	0.030" (0.76mm)	22495				
1/16" (1.59mm)	0.040" (1.02mm)	22494				
1/8" (3.18mm)*	0.085" (2.16mm)	22493				
1/4" (6.35mm)*	0.210" (5.33mm)	22492				

Silcosteel® Treated Hydroguard™ Deactivated Seamless 316L Grade Stainless Steel Tubing

OD	ID	cat.#	5-24 ft.	25-199 ft.	200-399 ft.	> 400 ft.
1/8" (3.18mm)**	0.055" (1.40mm)	22491				
1/4" (6.35mm)**	0.180" (4.57mm)	22490				

Silcosteel® Treated Hydroguard™ Deactivated Electropolished 316L Grade Stainless Steel Tubing

OD	ID	cat.#	5-24 ft.	25-99 ft.	100-299 ft.	> 300 ft.
1/8" (3.18mm)*	0.085" (2.16mm)	22489				
1/4" (6.35mm)**	0.180" (4.57mm)	22488				

*0.020" wall thickness

**0.035" wall thickness

***0.049" wall thickness

new!

For the newest developments, visit our Performance Coatings Division website: www.restekcoatings.com